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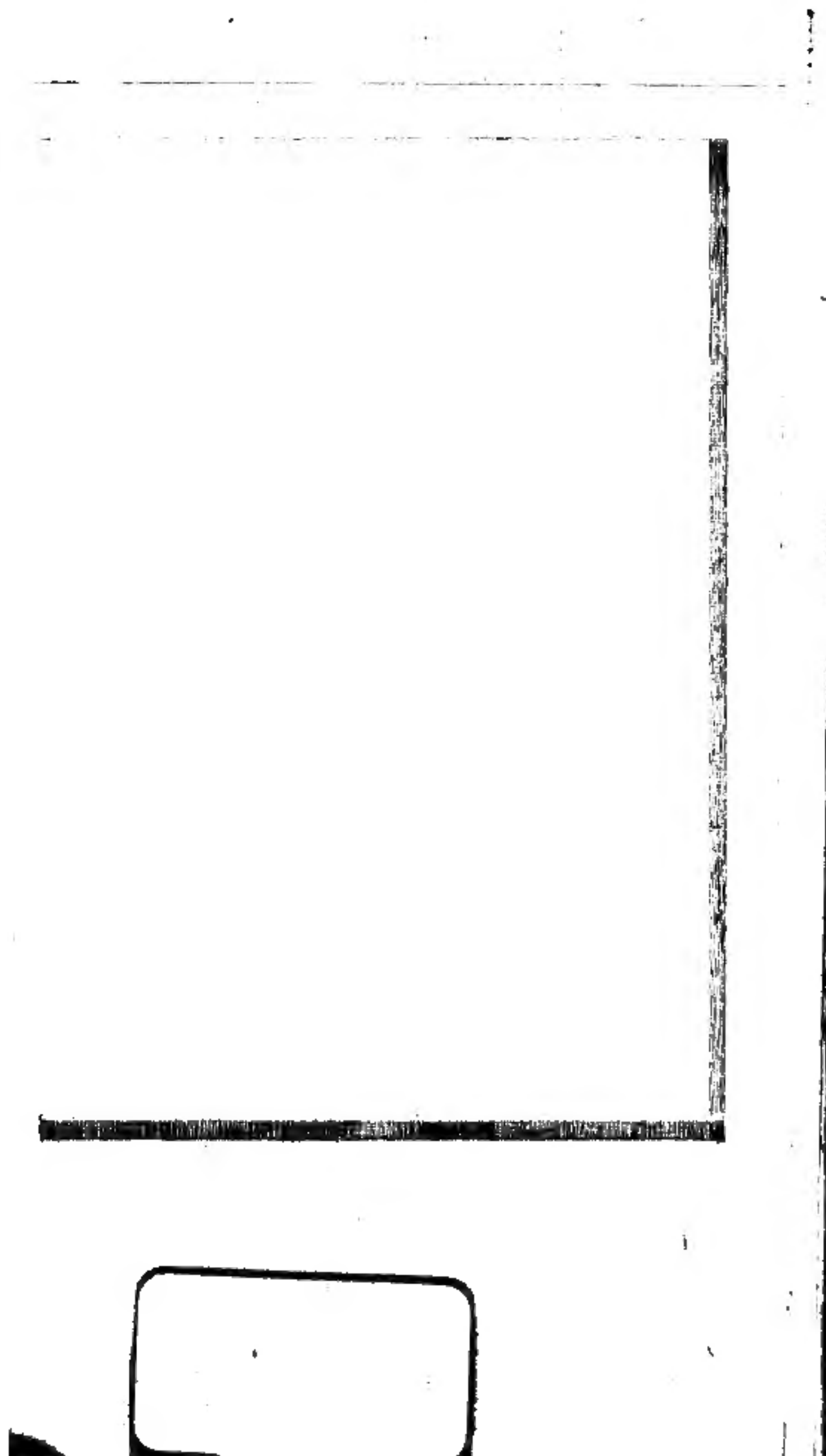
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LIST

OF THE

SPECIMENS

OF

LEPIDOPTEROUS INSECTS

IN

THE COLLECTION

OF THE

BRITISH MUSEUM. (Nat. Hist
Dept. of zoology.

BY

FRANCIS WALKER, F.L.S., &c.

PART XXIX.

TINEITES.

PRINTED BY ORDER OF THE TRUSTEES.

LONDON, 1864.



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P R E F A C E .

THE object of the present Catalogue is to give a complete list of all the genera and species of Crambites, Tortricites and Tineites known to exist in the different collections. The letters *a*, *b*, *c*, &c., after the species, denote the specimens now contained in the British Museum, followed by the *habitat* and the mode in which each of them was obtained, and the absence of these *letters* indicates the species which are desiderata, and therefore desirable to be procured for the collection.

JOHN EDWARD GRAY.

British Museum,

March 7, 1864.

CATALOGUE
OF
LEPIDOPTERA HETEROCERA.

SIXTH SERIES.

Fam. GELECHIDÆ.
Genus DEPRESSARIA
(continued).

North America.

80. DEPRESSARIA LECONTELLA.

Lecontella, *Clms.*

Pennsylvania.

81. DEPRESSARIA CONFERTELLA.

Mas et fœm. *Albido-cervina; caput albidum; alæ anticæ cervino subconspersæ, punctis duobus discalibus punctisque marginalibus nigris.*

Male and female. Whitish fawn-colour. Head and palpi whitish. Palpi more than twice longer than the breadth of the head; third joint shorter than the second. Fore wings minutely and diffusedly speckled with fawn-colour; two black points in the disk, one at a little beyond one-fourth of the length of the wing, the other at a little beyond the middle; marginal points black. Length of the body 4 lines; of the wings 12 lines.

a. Nova Scotia. From Lieut. Redman's collection.

82. *DEPRESSARIA CLAUSELLA*.

Mas. Ferruginea; palpi robusti, pubescentes, articulo 2o fimbriato; antennæ sat validæ; abdomen cinereum, fasciculis parvis lateralibus; alæ anticæ costa strigulisque discalibus canis, strigis submarginalibus nigris; posticæ cinereæ.

Male. Cinereous-ferruginous, stout. Palpi pubescent, stout, twice longer than the breadth of the head; second joint with a short dense fringe beneath; third lanceolate, much shorter than the second. Antennæ rather stout. Abdomen and hind wings cinereous; the former extending much beyond the latter, with small tufts along each side. Legs stout; hind tibiæ broadly fringed. Fore wings rather narrow, much rounded at the tips, hoary along the costa, and with some slight hoary streaks in the disk; a few blackish streaks in the disk and a row of submarginal blackish streaks. Length of the body $5\frac{1}{2}$ lines; of the wings 11 lines.

a, b. Georgia. From Mr. Milne's collection.

Africa.

83. *DEPRESSARIA ACERBELLA*.

Testacea, subtus cinerea; antennæ breviusculæ; abdomen cinereum; alæ anticæ apice rotundatæ, vittis sex e punctis fuscis; posticæ cinereæ.

Testaceous, stout, cinereous beneath. Antennæ about half the length of the fore wings. Abdomen and hind wings cinereous. Fore wings moderately broad, rounded at the tips, with about six lines of brown points. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Cape. From M. Dregé's collection.

Hindostan.

84. *DEPRESSARIA RICINI*.

ricini, Atkinson, Sta.

Calcutta.

85. *DEPRESSARIA ZIZYPHI*.

zizyphi, Atkinson, Sta.

Calcutta.

86. *DEPRESSARIA RICINELLA*.*ricinella*, Atkinson, Sta.

Calcutta.

87. *DEPRESSARIA CONTINCTELLA*.

Mas et fœm. Cinereo-fusca, robusta; antennæ maris setulosæ; tibiæ posticæ subfimbriatæ; alæ anticæ sat angustæ, guttis duabus discalibus atris; posticæ cinereæ.

Male and female. Cinereous-brown, stout. Palpi smooth, stout, full twice longer than the breadth of the head; third joint setiform, as long as the second. Antennæ setulose. Abdomen extending much beyond the hind wings. Legs stout; hind tibiæ slightly fringed. Fore wings rather narrow, rounded at the tips, with two deep black dots in the disk, one before the middle, the other beyond the middle. Hind wings cinereous. Length of the body $4\frac{1}{2}$ —5 lines; of the wings 11—12 lines.

a, b. Hindostan. From the Entomological Society's collection.

88. *DEPRESSARIA LEWINELLA*.*Lewinella*, Num.

Australia.

89. *DEPRESSARIA MELESSELLA*.*Melesella*, Num.

Australia.

90. *DEPRESSARIA KOLLARI*.*Kollari*, Zl.

Sydney.

91. *DEPRESSARIA SOBRIELLA*.

Fœm. Cinerea, cervino subtincla; abdomen alas posticas longe superans; tibiæ posticæ validæ, subpilosæ; alæ anticæ apice rotundatæ, punctis discalibus, submarginalibus et marginalibus nigris.

Female. Cinereous. Head, thorax and fore wings slightly tinged with fawn-colour. Antennæ slender, much shorter than the fore wings. Abdomen extending much beyond the hind wings.

Hind tibiæ stout, clothed with short hairs. Fore wings rounded at the tips, with a few black points in the disk and near the costa, with an incomplete submarginal row of black points, and with black marginal points; exterior border convex, slightly oblique. Hind wings with a pale cinereous fringe. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. Australia. From Mr. Damel's collection.

b. Moreton Bay. From Mr. Diggles' collection.

92. DEPRESSARIA MODERATELLA.

Fœm. Rufescens, subtus cinerea; tibiæ posticæ validæ, subfimbriatæ; alæ anticæ apice rectangulatæ, punctis quinque discalibus punctisque minimis marginalibus nigricantibus; posticæ cinereæ.

Female. Reddish, cinereous beneath. Palpi full twice longer than the breadth of the head; third joint a little shorter than the second. Hind tibiæ stout, slightly fringed. Fore wings rectangular at the tips, with five blackish discal points, two before the middle, two beyond the middle, and one nearer the exterior border; marginal points blackish, indistinct, very minute; exterior border convex, slightly oblique; under side and hind wings cinereous. Length of the body 4 lines; of the wings 12 lines.

a. Tasmania. Presented by Dr. Milligan.

93. DEPRESSARIA CONVICTELLA.

Mas. Cinerea, cervino subtinctoria; antennæ setulosæ; tibiæ posticæ subfimbriatæ; alæ anticæ vix acutæ, punctis duobus discalibus punctisque submarginalibus nigris.

Male. Cinereous. Head, thorax and fore wings with a slight tinge of fawn-colour. Palpi twice longer than the breadth of the head; third joint setiform, a little shorter than the second. Antennæ setulose. Abdomen extending rather beyond the hind wings. Hind tibiæ slightly fringed. Fore wings hardly acute; two black points in the disk, one before the middle, the other beyond the middle; a row of black submarginal points continued from the exterior border along the adjoining part of the interior border and along half the length of the costa. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a, b. Sydney. From Mr. Diggles' collection.

94. *DEPRESSARIA ABSUMPTELLA*.

Mas. *Pallide cinerea, cervino subincta; antennæ subsetulosæ, subpubescentes; tibiæ posticæ fimbriatæ; alæ anticæ nigricante subconspersæ, costa fusca, punctis tribus discalibus elongatis punctisque marginalibus nigris.*

Male. Pale cinereous, with a slight tinge of fawn-colour. Palpi twice longer than the breadth of the head; third joint setiform, much shorter than the second. Antennæ very minutely setulose and pubescent. Abdomen extending beyond the hind wings. Legs slender; hind tibiæ fringed. Wings long, rather narrow. Fore wings rounded at the tips, very thinly and minutely blackish speckled; costa brown for nearly three-fourths of the length; three elongated points in the disk and marginal points black; exterior border straight, very oblique. Length of the body 5 lines; of the wings 15 lines.

This species differs much from the typical *Depressariæ* in the shape of the wings.

a. Sydney. From Mr. Lambert's collection.

Genus 11. *ENICOSTOMA*.

Enicostoma, *St.*—Chimabache, *Hb.*

1. *ENICOSTOMA LOBELLA*.

lobella, *W. V.*—Thunbergiana, *F.*—lugubrella, *Dp.*—nubilella? *Zt.*

a—c. England. From Mr. Bouchard's collection.

d. England. Presented by F. Bond, Esq.

e—m. England.

Genus 12. *PSORICOPTERA*.

Psoricoptera, *St.*

1. *PSORICOPTERA GIBBOSELLA*.

gibbosella, *Zl.*

a—c. England. From M. Becker's collection.

d—g. England.

Genus 13. SYMMOCA.

Symmoca, *Hb.*

1. SYMMOCA SIGNELLA.

signella, *Hb.*

2. SYMMOCA SIGNATELLA.

signatella, *H.-S.*

3. SYMMOCA DESIGNATELLA.

designatella, *H.-S.*

4. SYMMOCA DODECATELLA.

dodecatella, *Std.*

5. SYMMOCA DESIGNELLA.

designella, *H.-S.*

6. SYMMOCA PIGERELLA.

pigerella, *H.-S.*

Genus 14. GELECHIA.

Gelechia, *Zl.*—Orophia, *Hb.*—Nothris, *Hb.*—Acompsia, *Hb.*—
 Pinaris, *Hb.*—Endrosis, *Hb.*—Epeleustia, *Hb.*—Abebæa, *Hb.*—
 Agonopterix, *Hb.*—Chionodes, *Hb.*—Tichotripis, *Hb.*—
 Swammerdamia, *Hb.*—Carcina, *Hb.*—Brachmia, *Hb.*—De-
 nisla, *Hb.*—Argyresthia, *Hb.*—Aristotelia, *Hb.*

1. GELECHIA DENISELLA.

denisella, *W. V.*—carmelitella, *H.-S.**a*—*c.* Europe. From M. Becker's collection.

2. GELECHIA SORDIDELLA.

sordidella, *Hb.*

3. GELECHIA CERVINELLA.

cervinella, *Ev.*

4. GELECHIA MONASTRICELLA.

monastricella, *F. R.*

5. GELECHIA FERRUGELLA.

ferrugella, *W. V.*

a, b. Europe. From M. Becker's collection.

6. GELECHIA KOLLABELLA.

Kollarella, *Cta.*—*flavedinella*, *F. R.*—*luteella*, *Dp.*—*Walckenaerana*, *Dp.*

7. GELECHIA RATELLA.

ratella, *H.-S.*

8. GELECHIA RUFESCENS.

rufescens, *Hw.*—*tinctella*, *St.*—*diaphanella*, *Zl.*—*Isabella*, *Zl.*

a, b. England. From Mr. Chant's collection.

c. England. From Mr. Bouchard's collection.

d—i. England.

j. Europe. From M. Becker's collection.

9. GELECHIA LINEOLELLA.

lineolella, *Zl.*

10. GELECHIA RASILELLA.

rasilella, *H.-S.*

11. GELECHIA PUDORINA.

pudorina, *Wck.*

12. GELECHIA MACULOSELLA.

maculosella, *H.-S.*

13. GELECHIA TRIPUNCTELLA.

tripunctella, *W. V.*

14. GELECHIA CINERELLA.

cinerella, *L.*—*ardeliella*, *Hb.*

a. England. Presented by E. Shepherd, Esq.

b—i. England.

j, k. Europe. From M. Becker's collection.

15. GELECHIA UMBRELLA.

umbrella, *Hb.*

16. GELECHIA LUTATELLA.

lutatella, *H.-S.*—umbrella, *Zl.*

17. GELECHIA INORNATELLA.

inornatella, *Dgl.*

a—c. England.

18. GELECHIA TRIANNULELLA.

triannulella, *H.-S.*

19. GELECHIA VILELLA.

vilella, *Zl.*—argilosella, *H.-S.*

20. GELECHIA HIPPOPHÆLLA.

hippophælla, *Schr.*—basalis, *St.*—basipunctella? *H.-S.*

a—f. England. From Mr. Bouchard's collection.

g. England. Presented by E. Shepherd, Esq.

h. England.

21. GELECHIA MALVELLA.

malvella, *Hb.*

a, b. England.

22. GELECHIA LUTOSELLA.

lutosella, *H.-S.*

23. GELECHIA POPULELLA.

populella, *L.*—tremella, *W. V.*—blattariella, *Hb.*—juniperella, *St.*
—tremulella, *Dp.*

a—m. England.

n, o. Europe. From M. Becker's collection.

p, q. Germany. From M. Heminghoffen's collection.

24. GELECHIA SCINTILLELLA.

scintillella, *F. R.*—brunniella? *H.-S.*—contuberniella? *Std.*

a—b. Europe. From M. Becker's collection.

25. GELECHIA TENERELLA.

tenerella, *Zl.*—pernigrella, *Dgl.*

—d. England. Presented by F. Bond, Esq.
—e. England.

26. GELECHIA SUBSEQUELLA.

subsequella, *Hb.*—obscuraella, *Tr.*—fuscella, *Ev.*

27. GELECHIA MUSCOSELLA.

muscosella, *Zl.*

28. GELECHIA NIGRA.

nigra, *Hw.*—rusticella, *St.*—cautella, *Zl.*

—d. England. From Mr. Chant's collection.

—e. England. From Mr. Bouchard's collection.
—f. England.

29. GELECHIA TURPELLA.

turpella, *W. V.*—pinguinella, *Tr.*—populella, *Hb.*—nebulea, *Zl.*

—b. Europe. From M. Becker's collection.

30. GELECHIA PRÆCLARELLA.

præclarella, *H.-S.*

31. GELECHIA SPURCELLA.

spurcella, *H.-S.*

32. GELECHIA VELOCELLA.

velocella, *Dp.*—subsequella, *Tr.*—nebulea, *St.*

—c. England.

33. GELECHIA LENTIGINOSELLA.

lentiginosella, *Zl.*

—d. England.

34. GELECHIA FLAVICOMELLA.

flavicomella, *Zl.*

35. GELECHIA CONTINUELLA.

continuella, *Zl.*

36. *GELECHIA PERPETUELLA*.
perpetuella, *H.-S.*

37. *GELECHIA INTERALBICELLA*.
interalbicella, *H.-S.*

38. *GELECHIA IGNORANTELLA*.
ignorantella, *H.-S.*

39. *GELECHIA OPPLETELLA*.
oppletella, *H.-S.*

40. *GELECHIA FUMATELLA*.
fumatella, *Dgl.*

41. *GELECHIA QUÆSTIONELLA*.
quæstionella, *Zl.*

42. *GELECHIA ERICETELLA*.
ericetella, *Hb.*—betulea, *Hw.*—galanella, *Tr.*—lanceolata, *St.*
a, b. England. From Mr. Chant's collection.
c—m. England.
n, o. Germany. From M. Heminghoffen's collection.

43. *GELECHIA INFERNALIS*.
infernalis, *H.-S.*—violacea? *Tgstr.*

44. *GELECHIA MULINELLA*.
mulinella, *Zl.*—interrupta, *Hb.*
a, b. England. From Mr. Stevens' collection.
c—k. England.

45. *GELECHIA DIVISELLA*.
divisella, *Dgl.*

46. *GELECHIA INTERRUPTELLA*.
interruptella, *Hb.*—genitella, *Hb.*

47. *GELECHIA PLUTELLIFORMIS*.
plutelliformis, *Std.*

48. GELECHIA MORITZELLA.

Moritzella, *Hb.*

49. GELECHIA ROSELLA.

Rosella, *Zt.*

50. GELECHIA PALUSTRELLA.

Palustrella, *Dgl.*

51. GELECHIA SOBORCULELLA.

Soborculella, *Hb.*

—c. England.

52. GELECHIA CUNEATELLA.

Cuneatella, *Dgl.*

b. England. From Mr. Bouchard's collection.

53. GELECHIA PELIELLA.

Peliella, *Tr.*

b. Europe. From M. Becker's collection.

54. GELECHIA ALACELLA.

Alacella, *Dp.*

b. England.

55. GELECHIA RANCIDELLA.

Racidella, *H.-S.*

56. GELECHIA LATELLA.

Latella, *H.-S.*

57. GELECHIA TERRELLA.

Terrella, *W. V.*—lutaria, *Hw.*—zephyrella, *Tr.*

c. England. Presented by F. Bond, Esq.

z. England.

58. GELECHIA DESERTELLA.

Desertella, *Dgl.*

England. From Mr. Bouchard's collection.

e. England.

59. GELECHIA FIGULELLA.

figulella, *Std.*

60. GELECHIA POLITELLA.

politella, *Sta.*

a. England.

b. Europe. From M. Becker's collection.

61. GELECHIA ACUMINATELLA.

acuminatella, *Sircom*—*cirsiella*, *Sta.*

a. England.

62. GELECHIA PRUNIOSELLA.

pruniosella, *Zl.*

63. GELECHIA INCOMPTELLA.

incomptella, *H.-S.*

64. GELECHIA TERNATELLA.

ternatella, *Std.*

65. GELECHIA HALONELLA.

halonella, *H.-S.*

66. GELECHIA SENECTELLA.

senectella, *Zl.*

67. GELECHIA CILIATELLA.

ciliatella, *H.-S.*

68. GELECHIA PLEBEILLA.

plebeilla, *Zl.*

69. GELECHIA CONSPERSELLA.

conspersella, *H.-S.*

70. GELECHIA IMPERITELLA.

imperitella, *Std.*

71. GELECHIA DECREPIDELLA.

decrepidella, *H.-S.*

72. GELECHIA TECTELLA.

tectella, *H.-S.*

73. GELECHIA MUNDELLA.

mundella, *Dgl.*

e—d. England. Presented by F. Bond, Esq.

74. GELECHIA MURINELLA.

murinella, *H.-S.*

75. GELECHIA NOCTURNELLA.

nocturnella, *Std.*

76. GELECHIA SALINELLA.

salinella, *Zl.*

77. GELECHIA BOREELLA.

boreella, *Dgl.*

78. GELECHIA PEDISEQUELLA.

pedisequilla, *Hb.*—Moffetella, *Tr.*—punctifera, *Hw.*

e—g. England.

h. Europe. From M. Becker's collection.

79. GELECHIA GALBANELLA.

galbanella, *Zl.*

80. GELECHIA BASALTINELLA.

basaltinella, *Zl.*—domestica, var. β ., *Hw.*

81. GELECHIA DOMESTICA.

domestica, *Hw.*

e—k. England.

82. GELECHIA SCOTINELLA.

scotinella, *H.-S.*

83. GELECHIA DRYADELLA.

dryadella, *Zl.*

84. GELECHIA RHOMBELLA.

rhombella, *W. V.*

a—d. England.

e, f. Europe. From M. Becker's collection.

85. GELECHIA PROXIMELLA.

proximella, *Hb.*

a, b. England. From Mr. Bouchard's collection.

c—m. England.

n. Europe. From M. Becker's collection.

86. GELECHIA NOTATELLA.

notatella, *Hb.*—proximella, Var. β ., *Zl.*—euratella, *Zl.*

a—e. England.

87. GELECHIA VULGELLA.

vulgella, *W. V.*—aspera, *Hw.*

a. England. From Mr. Chant's collection.

b, c. England. From Mr. Bouchard's collection.

d—k. England.

88. GELECHIA HUMERALIS.

humeralis, *Zl.*—Lyellela, *Hp.* and *Wtw.*

a—c. England.

89. GELECHIA INUSTELLA.

inustella, *H.-S.*

90. GELECHIA PSILELLA.

psilella, *H.-S.*

91. GELECHIA HELOTELLA.

helotella, *Std.*

92. GELECHIA STRELITZIELLA.

Strelitziella, *H.-S.*

93. GELECHIA QUINQUEPUNCTELLA.

quinquepunctella, *H.-S.*

94. GELECHIA EPITHYMELLA.

epithymella, *Std.*

95. GELECHIA ARTEMISIELLA.

artemisiella, *Tr.*

a—i. England.

j, k. Europe. From M. Becker's collection.

96. GELECHIA ARUNDINATELLA.

arundinatella, *Sta.*

97. GELECHIA OBSOLETELLA.

obsoletella, *F. R.*

a—f. England.

g. Europe. From M. Becker's collection.

98. GELECHIA DISJECTELLA.

disjectella, *Std.*

99. GELECHIA INSTABILELLA.

instabilella, *Dgl.*

a, b. England. From Mr. Bouchard's collection.

c—h. England. Presented by F. Bond, Esq.

i, j. England.

100. GELECHIA OCELLATELLA.

ocellatella, *Sta.*

101. GELECHIA ATRIPLICELLA.

atriplicella, *F. R.*

a—c. England. From Mr. Chant's collection.

d, e. England.

102. GELECHIA ÆTHIOPS.

æthiops, *Hp.* and *Wtw.*

a. England. Presented by J. C. Dale, Esq.

b—i. England.

103. GELECHIA PERSPERSELLA.

perspersella, *Wck.*

104. *GELECHIA FUGITIVELLA*.*fugitivella*, *Zl.**a—d.* England.105. *GELECHIA FUGACELLA*.*fugacella*, *Zl.**a, b.* Europe. From M. Becker's collection.106. *GELECHIA ALBURNELLA*.*alburnella*, *Zl.*107. *GELECHIA CYTISELLA*.*cytisella*, *Tr.*108. *GELECHIA MACULATELLA*.*maculatella*, *Hb.**a.* Europe. From M. Becker's collection.109. *GELECHIA SCRIPTELLA*.*scriptella*, *Hb.*—*blattariæ*, *Hw.*—*tremella*, *St.**a—n.* England.110. *GELECHIA ELATELLA*.*elatella*, *H.-S.*111. *GELECHIA TEREBINTHINELLA*.*terebinthinella*, *H.-S.*112. *GELECHIA DIFFINIS*.*diffinis*, *Hw.*—*dissimilella*, *Dp.*—*scabidella*, *Zl.**a.* England. From Mr. Foxcroft's collection.*b.* England. From Mr. Chant's collection.*c—f.* England.113. *GELECHIA LONGICORNIS*.*longicornis*, *Ct.*—*histrionella*, *Hb.*—*zebrella*, *Tr.**a, b.* England. Presented by E. Shepherd, Esq.*c.* England. Presented by F. Bond, Esq.*d—m.* England.

114. GELECHIA SOLUTELLA.

solutella, *Zl.**a—d.* Europe. From M. Becker's collection.

115. GELECHIA TEPHRITIDELLA.

tephritidella, *Dp.*

116. GELECHIA HOLOSERICELLA.

holosericella, *H.-S.*

117. GELECHIA DISTINCTELLA.

distinctella, *Zl.**a.* England.

118. GELECHIA CELERELLA.

celerella, *Sta.*

119. GELECHIA LUGUBRELLA.

lugubrella, *F.*—*luctificella*, *Hb.*

120. GELECHIA VIDUELLA.

viduella, *F.*—*luctuella*, *Hb.*

121. GELECHIA LUCTIFERELLA.

luctiferella, *H.-S.*

122. GELECHIA QUADRELLA.

quadrella, *F.*—*scopolella*, *Hb.*—*funestella*, *Hb.**a, b.* Europe. From M. Becker's collection.

123. GELECHIA LUNATELLA.

lunatella, *Zt.*

124. GELECHIA SESTERTIELLA.

sestertiella, *H.-S.*

125. GELECHIA KININGERELLA.

Kiningerella, *H.-S.*

126. *GELECHIA LEUCOMELANELLA*.
leucomelanella, *Zl.*

127. *GELECHIA TISCHERIELLA*.
Tischeriella, *Zl.*

128. *GELECHIA AFFINIELLA*.
affiniella, *Zt.*

129. *GELECHIA COSTELLA*.
costella, *Hp.* and *Wtw.*
a, b. England.

130. *GELECHIA ELECTELLA*.
electella, *Zl.*

131. *GELECHIA KROESMANNIELLA*.
Kroesmanniella, *H.-S.*

132. *GELECHIA MACULEA*.
maculea, *Hw.*—*blandella*, *Zl.*
a. England. From Mr. Bouchard's collection.
b, c. England. From Mr. Chant's collection.
d—o. England.

133. *GELECHIA TRICOLORELLA*.
tricolorella, *Hw.*—*contigua*, *Hw.*—*acernella*, *H.-S.*
a, b. England.
c, d. Europe. From M. Becker's collection.

134. *GELECHIA VISCARIELLA*.
viscariella, *Sta.*

135. *GELECHIA FRATERNELLA*.
fraternella, *Dgl.*
a. England. From Mr. Bouchard's collection.
b. England.

136. *GELECHIA FISCHERELLA*.
Fischerella, *Tr.*

137. GELECHIA MACULIFERELLA.

maculiferella, *Dgl.*—proxima, *Hw.*

a. England. From Mr. Bouchard's collection.

b—g. England.

138. GELECHIA JUNCTELLA.

junctella, *Dgl.*

a. England. From Mr. Bouchard's collection.

139. GELECHIA VICINELLA.

vicinella, *Dgl.*—marmorea, *H.-S.*

140. GELECHIA HUEBNERI.

Huebneri, *Hw.*

a. England. From Mr. Bouchard's collection.

b, c. England.

141. GELECHIA MARMOREA.

marmorea, *Hw.*—Manniella, *Zl.*

a, b. England.

142. GELECHIA LITTORELLA.

littorella, *Dgl.*

143. GELECHIA SEQUAX.

sequax, *Hw.*—apicistrigella, *Dp.*

a—c. England. From Mr. Bouchard's collection.

d, e. England.

144. GELECHIA TAMARICIELLA.

tamariciella, *Zl.*

145. GELECHIA SCALELLA.

scalella, *Sc.*—aleella, *F.*—alternella, *Hb.*—bicolorella, *Tr.*

a, b. England. From Mr. Bouchard's collection.

c—g. England.

h—j. Europe. From M. Becker's collection.

146. *GELECHIA NIGRINOTELLA*.
nigrinotella, *Zl.*—*nigralbella*, *H.-S.*

147. *GELECHIA LEUCATELLA*.
leucatella, *L.*—*albocingulella*, *Dp.*

a. England. From Mr. Bouchard's collection.
b, c. England. From Mr. King's collection.
d—m. England.
n, o. Europe. From M. Becker's collection.

148. *GELECHIA ALBICEPS*.
albiceps, *Zl.*—*nana*, *Hw.*—*aleella*, *St.*

a. England. From Mr. Chant's collection.
b—d. England. From Mr. Stevens' collection.
e—o. England.

149. *GELECHIA NANELLA*.
nanella, *W. V.*—*nana*, Var. β . *Hw.*
a. England. From Mr. Bouchard's collection.
b—h. England.
i, j. Europe. From M. Becker's collection.
k. Germany. From M. Heminghoffen's collection.

150. *GELECHIA DODECELLA*.
dodecella, *L.*—*annulicornis*, *St.*—*favillaticella*, *Zl.*—*Reussiella*, *Rtz.*
a, b. England. From Mr. Bouchard's collection.
c—j. England.

151. *GELECHIA ANGUINELLA*.
anguinella, *H.-S.*

152. *GELECHIA TRIPABELLA*.
tripurella, *Zl.*—*dodecea*, *Hw.*—*dodecella*, *St.*
a. England. From Mr. Chant's collection.
b, c. England. From Mr. King's collection.
d—n. England.

153. *GELECHIA REMISSELLA*.
remissella, *Zl.*

154. GELECHIA SEPICOLELLA.

sepicolella, *H.-S.*

155. GELECHIA VETUSTELLA.

vetustella, *H.-S.*

156. GELECHIA THULELLA.

Thuleella, *Std.*

157. GELECHIA SIMILIS.

similis, *Sta.*

158. GELECHIA AFFINIS.

affinis, *Hw.*—*umbrosella*, *Zl.*—*tegulella*, *H.-S.**a.* England. From Mr. Bouchard's collection.*b-n.* England.

159. GELECHIA UMBRIFERELLA.

umbriferella, *H.-S.*

160. GELECHIA LAMPROSTROMA.

lamprostroma, *Zl.*

161. GELECHIA CAPTIVELLA.

captivella, *H.-S.*

162. GELECHIA AZOSTERELLA.

azosterella, *H.-S.*

163. GELECHIA LIGULELLA.

ligulella, *W. V.*—*cinctella*, *Hb.**a, b.* England. From Mr. Bouchard's collection.*c-f.* England.

164. GELECHIA VERTICELLA.

verticella, *Sc.**a.* England. From Mr. Bouchard's collection.*b, c.* Europe. From M. Becker's collection.

165. GELECHIA CINCTICULELLA.

cincticulella, *H.-S.*

166. GELECHIA TÆNIOLELLA.

tæniolella, *Zl.**a, b.* Scotland. From Mr. Foxcroft's collection.*c—l.* England.*m, n.* Europe. From M. Becker's collection.

167. GELECHIA SIRCOMELLA.

Sircomella, *Sta.*

168. GELECHIA IMMACULELLA.

immaculella, *Dgl.*

169. GELECHIA NIGRITELLA.

nigritella, *Zl.*

170. GELECHIA CORONILELLA.

coronilella, *Tr.**a—d.* England. Presented by F. Bond, Esq.*e.* England. From Mr. Bouchard's collection.

171. GELECHIA BIGUTTELLA.

biguttella, *H.-S.*

172. GELECHIA ALBIPALPELLA.

albipalpella, *H.-S.*—*leucopalpella*, *H.-S.*

173. GELECHIA ANTHYLLIDELLA.

anthyllidella, *Hb.**a.* England. From Mr. Foxcroft's collection.*b—i.* England.

174. GELECHIA ATRELLA.

atrella, *Hw.**a.* England. Presented by F. Bond, Esq.*b, c.* England.

175. GELECHIA UNICOLORELLA.

unicolorella, *H.-S.*

Germany. From M. Heminghoffen's collection.

176. GELECHIA TENEBRELLA.

tenebrella, *Hb.*—subcuprella, *St.*—unicolorella, *Dp.*—metalella, *Sta.*

-f. England.

177. GELECHIA TENEBROSELLA.

tenebrosella, *Zl.*

England. From Mr. Bouchard's collection.

-d. England.

178. GELECHIA BIFRACTELLA.

bifractella, *Dgl.*

-d. England. From Mr. Bouchard's collection.

England.

Europe. From M. Becker's collection.

179. GELECHIA ARTIFICELLA.

artificella, *H.-S.*

180. GELECHIA SUFFUSELLA.

suffusella, *Dgl.*

-c. England. Presented by F. Bond, Esq.

181. GELECHIA DECOLORELLA.

decolorella, *H.-S.*

182. GELECHIA LUTULENTELLA.

lutulentella, *Zl.*

183. GELECHIA CARCHABIELLA.

carchariella, *Zl.*

184. *GELECHIA PULVERATELLA*.
pulveratella, *H.-S.*

185. *GELECHIA DIMIDIELLA*.
dimidiella, *W. V.*—*costiguttella*, *Zl.*

186. *GELECHIA GERRONELLA*.
gerronella, *Zl.*
a, b. England. Presented by F. Bond, Esq.

187. *GELECHIA FORMOSELLA*.
formosella, *Hb.*—*flammella*, *Tr.*
a, b. Europe. From M. Becker's collection.

188. *GELECHIA FLAVELLA*.
flavella, *Dp.*—*segetella*, *Zl.*

189. *GELECHIA CEREALELLA*.
cerealella, *Olv.*
a. England.
North America.

190. *GELECHIA LUCIDELLA*.
lucidella, *St.*—*stagniella*, *Zl.*
a—c. England. From Mr. Stevens' collection.
d—g. England.

191. *GELECHIA DETERSSELLA*.
detersella, *Zl.*—*egenella*, *H.-S.*
a, b. Germany. From M. Heminghoffen's collection.

192. *GELECHIA PAUPELLA*.
paupella, *Zl.*—*abnormella*, *H.-S.*

193. GELECHIA INOPELLA.

Inopella, Zl.—*inulella*, Ct.

a. England.

194. GELECHIA DEJECTELLA.

Dejectella, Std.

195. GELECHIA SUBOCELLEA.

Subocellea, St.—*dissonella*, Zl.—*internella*, Zl.

c. England. From Mr. Bouchard's collection.

i. England.

196. GELECHIA DIMINUTELLA.

Diminutella, Zl.

197. GELECHIA PROMPTELLA.

Promptella, Std.

198. GELECHIA GADITELLA.

Gaditella, Std.

199. GELECHIA GEMMELLA.

Gemmella, L.—*nivea*, Hw.—*nivella*, St.—*nigrovittella*, Dp.—*lepidella*, Zl.

c. England. From Mr. Chant's collection.

i. England. Presented by F. Smith, Esq.

o. England.

200. GELECHIA ULICINELLA.

Ulicinella, Std.

201. GELECHIA NIGRICOSTELLA.

Nigricostella, Dp.

a, b. England. Presented by F. Bond, Esq.

202. GELECHIA LUCULELLA.

Luculella, Hb.—*subrosea*, Hw.—*luctuella*, St.

a, b. England. From Mr. Chant's collection.

c, d. England. Presented by — Longley, Esq.

e, f. England. From Mr. Bouchard's collection.

g—o. England.

p, q. Europe. From M. Becker's collection.

203. GELECHIA NÆVIFERELLA.

næviferella, Dp.—Knockella, Hw.

a—d. England.

e. Europe. From M. Becker's collection.

204. GELECHIA STIPELLA.

stipella, Hb.

205. GELECHIA HERMANNELLA.

Hermannella, F.—Schæfferella, Dn.—Zinckenella, Hb.

a—l. England.

m, n. Europe. From M. Becker's collection.

o, p. Germany. From M. Heminghoffen's collection.

206. GELECHIA SUPERBELLA.

superbella, Zl.

207. GELECHIA GERMARELLA.

Germarella, Hb.—pictella, Zl.

a. England.

208. GELECHIA MICELLA.

micella, W. V.—asterella, Tr.

a—d. Europe. From M. Becker's collection.

209. GELECHIA HELIACELLA.

heliacella, H.-S.

210. GELECHIA BRIZELLA.

brizella, Tr.

a—l. England. Presented by F. Bond, Esq.

211. GELECHIA ERICENELLA.

ericenella, *Dp.*—*micella*, *Hb.*

a, b. England. From Mr. Chant's collection.

c, d. England. Presented by E. Shepherd, Esq.

e-k. England.

212. GELECHIA SUBERICINELLA.

subericinella, *H.-S.*

213. GELECHIA SUBDECURTELLA.

subdecurtella, *Sta.*

214. GELECHIA DECURTELLA.

decurtella, *Hb.*—*turbatella*, *Tr.*

a. Europe. From M. Becker's collection.

215. GELECHIA INCERTELLA.

incertella, *H.-S.*

216. GELECHIA BRAHMIELLA.

brahmiella, *Hdn.*

North America.

217. GELECHIA AGRIMONIELLA.

agrimoniella, *Clms.*

United States.

218. GELECHIA? FLAVOCOSTELLA.

flavocostella, *Clms.*

Maine.

219. GELECHIA? ROSEOSUFFUSELLA.

roseosuffusella, *Clms.*

United States.

220. GELECHIA RHOIFRUCTELLA.

rhoifructella, *Clms.*

United States.

221. GELECHIA? RUBIDELLA.

rubidella, *Clms.*

United States.

222. GELECHIA FLEXURELLA.

flexurella, *Clms.*

United States.

223. GELECHIA MIMELLA.

mimella, *Clms.*

United States.

224. GELECHIA DETERSELLA.

detersella, *Clms.*

United States.

225. GELECHIA ATERRIMELLA.

Mas. Atra; palpi capitis latitudine non longiores; abdomen nigro-cinereum, alas posticas longissime superans; tibiæ sæ validæ; alæ anticæ perangustæ, apice rotundatæ; postica nigro-cinereæ, fimbria longissima.

Male. Deep black. Abdomen, hind wings and under side cinereous-black. Palpi smooth, straight, obliquely ascending, not longer than the breadth of the head; third joint lanceolate, shorter than the second. Abdomen extending for three-fourths of its length beyond the hind wings. Legs smooth; hind tibiæ rather stout. Wings very narrow. Fore wings rounded at the tips; costa slightly convex; exterior border extremely oblique. Hind wings with a very long fringe. Length of the body 3 lines; of the wings 8 lines.

Allied to *G. æthiops*.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

226. GELECHIA ADAPTELLA.

Fœm. Obscure cinerea; palpi capitis latitudine longiores; abdomen alas posticas longissime superans; alæ perangustæ, acutæ, fimbria longissima; anticæ cinereæ, plagis obscurioribus, punctis nonnullis nigris.

Female. Dark cinereous, slender. Palpi smooth, slender, longer than the breadth of the head; third joint setiform, almost as long as the second. Antennæ much shorter than the fore wings. Abdomen extending for nearly its whole length beyond the hind wings. Wings acute, very narrow, with a very long fringe. Fore wings cinereous, with some darker blotches, with four or five black points, two of which are costal. Length of the body 3 lines; of the wings 8 lines.

α. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

227. GELECHIA STRICTELLA.

Mas. *Cinereo-fusca; antennæ longissimæ; alæ anticæ perangustæ, acutæ, nigricante nebulosæ; posticæ æneo-tinctæ.*

Male. Cinereous-brown, slender, silvery cinereous beneath. Palpi smooth, nearly twice longer than the breadth of the head; third joint lanceolate, nearly as long as the second. Antennæ slender, very long, not shorter than the fore wings. Abdomen long. Legs long, smooth, slender. Wings long, very narrow; fringe very long. Fore wings acute, diffusedly blackish mottled; exterior border extremely oblique. Hind wings with an æneous tinge. Length of the body 4 lines; of the wings 10 lines.

α. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

228. GELECHIA LITURELLA.

Fœm. *Chalybæo-fusca; caput antice argenteum; alæ anticæ latiusculæ, apice rotundatæ, guttis duabus discalibus connexis argenteis, costa cuprea, fimbria nivea; posticæ æneæ.*

Female. Chalybeous-brown, stout, smooth. Head in front and under side silvery white. Palpi smooth, slender, much longer than the breadth of the head; third joint lanceolate, much shorter than the second. Antennæ much shorter than the fore wings. Fore wings rather broad, rounded at the tips; a transverse silvery white mark in the middle of the disk composed of two small connected dots; costa bright cupreous; fringe pure white, except at the base; exterior border convex, slightly oblique. Hind wings æneous. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

α. Nova Scotia. From Lieut. Redman's collection.

229. GELECHIA SUBTRACTELLA.

Fœm. *Æneo-fusca*; *palpi articulo 2o subtus pubescente*; *antennæ gracillimæ*; *alæ anticæ subacutæ, sat angustæ, cinereo fasciatæ, fasciis 1a et 2a postice connexis*; *posticæ cinereæ*.

Female. *Æneous-brown, silvery cinereous beneath.* *Palpi* much longer than the breadth of the head; second joint pubescent beneath; third lanceolate, a little shorter than the second. *Antennæ* very slender, much shorter than the fore wings. *Legs* smooth. *Fore wings* rather narrow, slightly acute, with three irregular cinereous bands; first and second bands connected on the interior border; exterior border very oblique. *Hind wings* cinereous. *Length of the body* $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Nova Scotia. From Lieut. Redman's collection.

230. GELECHIA ATTRITELLA.

Fœm. *Pallide cinerea*; *caput album*; *palpi capitis latitudinis duplo longiores, nigro bifasciati*; *alæ anticæ subochraceæ punctis tribus discalibus punctisque marginalibus nigris*; *posticæ cinereæ*.

Female. *Pale cinereous.* *Head and palpi* white, smooth. *Palpi* about twice longer than the breadth of the head; second joint rather broad; third lanceolate, much shorter than the second with two black bands, of which the second is apical. *Antennæ* much shorter than the fore wings. *Abdomen* extending very little beyond the hind wings. *Fore wings* narrow, rounded at the tip, tinged with pale ochraceous; three black discal points, one near the interior border towards the base, the second in the middle, the third exterior; exterior border and the adjoining part of the costal and of the interior border with black points. *Hind wings* cinereous, fringe very long. *Length of the body* $1\frac{1}{2}$ line; of the wings $4\frac{1}{2}$ lines.

a, b. North America. From Mr. Carter's collection.

231. GELECHIA ATTRIBUTELLA.

Mas. *Plumbea; palpi capitis latitudine paullo longiores, nigro bifasciati; abdomen nigricans, fasciculo apicali pallido; tibiæ posticæ late fimbriatæ; alæ anticæ nigro conspersæ, lituris tribus costalibus, punctis duobus posticis punctisque marginalibus nigris.*

Male. Pale lead-colour. Palpi smooth, a little longer than the breadth of the head; third joint lanceolate, with two slender black bands, shorter than the second. Antennæ rather stout, much shorter than the fore wings. Abdomen blackish, with a pale cinereous apical tuft. Hind tibiæ broadly fringed. Fore wings narrow, slightly acute, minutely speckled with black; three black marks on the costa; first mark basal; second much smaller than the first and than the third, which is elongate; five black points on the exterior border and on the adjoining part of the costa; two black points near the interior border, one a little beyond the second discal mark, the other a little beyond the third mark; exterior border extremely oblique. Hind wings a little narrower than the fore wings; fringe very long. Length of the body 2 lines; of the wings 5 lines.

a, b. North America. From Mr. Carter's collection.

232. GELECHIA CONCLUSELLA.

Mas. *Obscure cinerea; palpi capitis latitudine multo longiores, annulo subapicali nigro; tibiæ posticæ subfimbriatæ; alæ anticæ nigro subconsersæ, linea exteriori transversa biangulata pallide cinerea, punctis elongatis discalibus et submarginalibus liturisque tribus costalibus nigris.*

Male. Dark cinereous. Palpi smooth, slender, much longer than the breadth of the head; third joint setiform, paler and shorter than the second, with a black ringlet near its tip. Antennæ slender, much shorter than the fore wings. Hind tibiæ slightly fringed. Fore wings rather narrow, slightly rounded at the tips, very minutely speckled with black; a pale cinereous transverse line at two-thirds of the length, forming two angles; three black costal marks, first and second small, elongate; third much larger, extending to the disk; a submarginal line of elongated black points, and a few small elongated black points in the disk; exterior border slightly convex, moderately oblique. Hind wings with a long fringe. Length of the body 2 lines; of the wings 7 lines.

a, b. North America. From Mr. Carter's collection.

233. GELECHIA MONSTRATELLA.

Mas. *Nigro-cuprea; palpi capitis latitudine non longiores; alæ anticæ maculis duabus discalibus flavo-cinereis, 1a elongata obliqua antice attenuata; posticæ perangustæ, fimbria longissima.*

Male. Blackish cupreous. Palpi not longer than the breadth of the head; third joint lanceolate, about as long as the second. Antennæ much shorter than the fore wings. Legs smooth, slender. Fore wings narrow, slightly acute, with two pale yellowish cinereous spots on the disk; first spot oblique, elongated, attenuated in front; second shorter and less oblique; exterior border extremely oblique. Hind wings very narrow; fringe very long. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

- a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.
b. North America. From Mr. Carter's collection.

234. GELECHIA CASSELLA.

Fœm. *Cinerea, sat robusta, nigro conspersa; palpi capitis latitudine fere duplo longiores, articulo 2o latiusculo; pedes nigro fasciati; alæ anticæ apud discum albæ, fasciis quatuor nigricantibus atro signatis valde indeterminatis, 1a 2aque postice abbreviatis, margine exteriori perobliquo.*

Female. Cinereous, rather stout, whitish beneath. Head, thorax and fore wings speckled with black. Palpi nearly twice longer than the breadth of the head; second joint rather broad; third lanceolate, shorter than the second. Antennæ much shorter than the fore wings. Legs stout; tibiæ and tarsi with black bands. Fore wings mostly white, rather narrow, slightly rounded at the tips, with four very irregular blackish bands, whose disks are deep black; first and second bands abbreviated hindward; third broader and more complete than the first and the second, connected by a streak with the fourth, which extends to the tip; exterior border extremely oblique. Hind wings with a very long fringe. Length of the body 3 lines; of the wings 8 lines.

- a, b. North America. From Mr. Carter's collection.

235. GELECHIA ABSCONDITELLA.

Fœm. *Cupreo-nigra*; caput cinereum; palpi capitis latitudine duplo longiores; tibiæ posticæ vix fimbriatæ; alæ anticæ lituris quatuor discalibus indistinctis, litura costali, litura basali punctisque marginalibus cinereis; posticæ obscure cinereæ.

Female. Cupreous-black, cinereous beneath. Head cinereous, smooth. Palpi smooth, full twice longer than the breadth of the head; third joint setiform, very little shorter than the second. Antennæ much shorter than the fore wings. Hind tibiæ hardly fringed. Fore wings narrow, rounded at the tips, with four indistinct cinereous marks in the disk; two near the base and two in the middle; two more distinct exterior cinereous marks, one on the costa, the other on the interior border; a few cinereous points along the exterior border and on the adjoining part of the costa; exterior border extremely oblique; fringe very long, as is also that of the dark cinereous hind wings. Length of the body 2 lines; of the wings 6 lines.

1. North America. From M. Carter's collection.

236. GELECHIA BELLELA.

Mas. *Lateritia*; palpi albidī, nigricante fasciati, capitis duplo longiores; abdomen nigricans, segmentis albido marginatis; pedes albi, nigro fasciati; alæ anticæ vitta costali cupreo-fusca, maculis tribus costalibus unaque submarginali argenteo-cinereis; posticæ nigro-cinereæ, perangustæ, fimbria longissima.

Male. Brick-red, mostly whitish beneath. Palpi whitish, full twice longer than the breadth of the head, with some blackish bands; third joint setiform, as long as the second. Antennæ much shorter than the fore wings. Abdomen blackish; hind borders of the segments whitish. Legs white, smooth, with black bands. Fore wings narrow, rounded at the tips, with a dark broad cupreous-brown costal stripe, which contains three elongate silvery cinereous spots; first and second spots extending outward to the disk; second retracted in the disk; third oblique in the contrary direction; an elongated submarginal silvery cinereous spot. Hind wings blackish cinereous, very narrow; fringe very long. Length of the body 2½ lines; of the wings 6 lines.

1, 6. North America. From Mr. Carter's collection.

237. GELECHIA VAGELLA.

Fœm. *Fusco-cinerea*; palpi capitis latitudine duplo longior articulo 2o subtus piloso; alæ anticæ longæ, fuscæ, cinere subconspersæ, basi strigula tenui costali fimbriaque ciner punctis marginalibus nigricantibus; posticæ cinereæ.

Female. Brownish cinereous, cinereous beneath. Palpi rather stout, about twice longer than the breadth of the head; second joint pilose beneath; third lanceolate, nearly as long as the second. Antennæ very much shorter than the fore wings. Legs smooth. Fore wings long, narrow, brown, shining, slightly and indistinctly speckled with cinereous; base, a slender costal streaklet at two thirds of the length, and fringe cinereous; a row of blackish marginal points; exterior border extremely oblique. Hind wings cinereous. Length of the body $3\frac{1}{4}$ lines; of the wings 10 lines.

a. Nova Scotia. From Lieut. Redman's collection.

238. GELECHIA PALLIPALPIS.

Mas. *Nigra, sat robusta*; palpi testacei, capitis latitudine duplo longiores, articulo 2o lato; alæ anticæ latiusculæ, apice rotundatæ; posticæ obscure cinereæ.

Male. Black, rather stout, dark æneous-cinereous beneath. Palpi smooth, testaceous, full twice longer than the breadth of the head; second joint broad; third setiform, much shorter than the second. Antennæ much shorter than the fore wings. Abdomen blackish. Legs smooth, cinereous. Fore wings rather broad, rounded at the tips; exterior border slightly convex and oblique. Hind wings dark cinereous. Length of the body 3 lines; of the wings 7 lines.

a, b. North America. From Mr. Carter's collection.

West Indies.

239. GELECHIA DONATELLA.

Cupreo-fusca; pedes robusti, cupreo fasciati, tibiis posticis setulosis; alæ anticæ angustæ, vix acutæ, albo bimaculatæ, macula costali, 2a apud marginem interiorem.

Cupreous-brown, silvery cinereous beneath. Legs stout; tibiae and tarsi with cupreous-brown bands; hind tibiæ setulose. Fore wings narrow, hardly acute, with two white spots; first spot on the

costa, at three-fourths of the length; second on the interior border, beyond the middle, larger than the first; exterior border very oblique. Hind wings a little paler; fringe rather long. Length of the body 2 lines; of the wings 5 lines.

a. Jamaica. From Mr. Gosse's collection.

240. GELECHIA ROBUSTELLA.

Fœm. Alba, valida; palpi articulo 2a latiusculo, 3o fasciis duabus nigris; pedes robusti; tibiis posticis fimbriatis tarsisque nigro fasciatis; alæ anticæ apice rotundatæ, plagis quatuor cupreis connexis; posticæ cinereæ.

Female. White, stout, silvery cinereous beneath. Palpi twice longer than the breadth of the head; second joint rather broad; third lanceolate, much shorter than the second, black at the base, and with a black band beyond the middle. Legs stout; tarsi and hind tibiæ with black bands, the latter fringed. Fore wings moderately broad, rounded at the tips, with four cupreous patches which extend to the costa; first patch basal, connected on the costa with the second; second connected in the disk with the third; third connected in like manner with the fourth, which is marginal, and extends over part of the fringe; exterior border very oblique. Hind wings cinereous. Length of the body 2 lines; of the wings 5 lines.

a. St. Domingo. From Mr. Tweedie's collection.

South America.

Most of the following fifty species of *Gelechia* belong to one group, which seems to be peculiar to South America.

241. GELECHIA SOLIDELLA.

Mas. Cupreo-fusca, sat robusta; palporum articulus 2us nigro lineatus; abdomen lanceolatum, strigis lateralibus obliquis argenteis; pedes nigricantes, tarsorum articulis apice argenteis; alæ anticæ striga subcostali diffusa plagaque submarginali transversa argenteo-cinereis, spatio marginali pallidiore lineam denticulatam albam guttam subapicalem atram punctaque elongata atra albo notata includenda; posticæ obscure fusæ.

Male. Cupreous-ferruginous, rather stout, silvery cinereous beneath. Palpi more than twice longer than the breadth of the

head; second joint rather broad, with numerous transverse black lines; third setiform, as long as the second. Antennæ slender, much shorter than the fore wings. Abdomen lanceolate, compressed towards the tip, with oblique silvery white streaks along each side. Legs stout, blackish; tips of the tarsal joints silvery white. Fore wings acute, moderately broad, with a diffuse silvery cinereous subcostal streak, and with a transverse submarginal patch of the same hue; this patch is bordered on the outer side by a denticulate white line, beyond which the wing is rather paler, and contains a deep black subapical dot and some deep black elongate white-marked submarginal points; marginal line dark ferruginous; exterior border convex, slightly oblique. Hind wings dark brown. Length of the body 4 lines; of the wings 10 lines.

a—c. Ega. From Mr. Bates' collection.

242. GELECHIA TRANSJECTELLA.

Mas et fœm. Nigricans; palporum articulus 2us nigro lineatus abdomen strigis lateralibus obliquis albis; pedes argentei, tarsorum articulis nigricantibus apice argenteis; alæ anticæ line transversa exterior denticulata strigulis nonnullis atomisque cinereis, punctis submarginalibus atris albo notatis, linea marginali ferruginea; posticæ obscure fusæ.

Male and female. Blackish, stout. Head in front and under side silvery. Palpi more than twice longer than the breadth of the head; second joint with numerous transverse black lines; third setiform, as long as the second. Antennæ much shorter than the fore wings. Abdomen tapering, cupreous and slightly compressed towards the tip, with oblique white streaks along each side. Legs stout, silvery; tarsi blackish above, except the tips of the joints. Fore wings acute, moderately broad, with minute cinereous speckles and a few slight cinereous streaklets; a transverse denticulated cinereous line at four-fifths of the length; submarginal points deep black, marked with white; a ferruginous marginal line on costa oblique towards the tip; exterior border slightly convex and oblique. Hind wings dark brown; fringe dark cinereous, interline near the base. Length of the body 4 lines; of the wings 10 lines.

a—d. Ega. From Mr. Bates' collection.

243. GELECHIA SUBAPICALIS.

Fœm. *Obscure cupreo-fusca, subtus alba; pedes albo fasciati; alæ anticæ spatio marginali cupreo pallidiorè lineas duas e punctis elongatis albis strigasque tres atras includente.*

Female. Dark cupreous-brown, white beneath. Head white in front. Antennæ rather long, shorter than the fore wings. Tibiæ and tarsi with white bands. Fore wings with a light cupreous marginal space, in which there are two transverse lines of elongated white points; these lines are approximate hindward, the points of the second are much larger than those of the first, and are accompanied by three deep black streaks. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

Eggs. From Mr. Bates' collection.

244. GELECHIA TRAJECTELLA.

Fœm. *Ferruginea, subtus argenteo-cinerea; tarsi postici articulis apice albis; alæ anticæ angustæ, apice rotundatæ, spatio costali interiore nigricante, linea denticulata flexa punctisque nigris submarginalibus; posticæ obscure fuscæ.*

Female. Ferruginous. Head in front and under side silvery cinereous. Palpi nearly thrice longer than the breadth of the head; second joint rather broad, with numerous transverse black lines; third setiform, very slender, much shorter than the second. Antennæ very slender, shorter than the fore wings. Abdomen slightly compressed towards the tip. Legs rather stout; hind tarsi with white tips to the joints. Fore wings narrow, rounded at the tips, suffused with black on half the breadth from the costa and on more than half the length from the base; a denticulated bent white line, contiguous to a row of submarginal black points; exterior border convex, not oblique. Hind wings dark brown. Length of the body $4\frac{1}{2}$ lines; of the wings 9 lines.

Eggs. From Mr. Bates' collection.

245. GELECHIA SUPERFUSILLA.

Mas. *Ferruginea, subtus argentea; palporum articulus 2us nigro lineatus; abdomen dorso strigisque lateralibus obliquis nigris; tibiæ tarsique supra nigra, argenteo fasciata; alæ antica vitta costali lata abbreviata nigra, punctis duobus discalibus elongatis albis, spatio marginali glaucescente strigas non nullas albas punctaque dua nigra includente; posticæ cupreo-fuscae.*

Male. Fawn-colour. Head in front and palpi silvery. Palpi more than twice longer than the breadth of the head; second joint with numerous transverse black lines; third setiform, longer than the second. Abdomen blackish above; under side with black oblique streaks on each side. Tibiæ and tarsi black above, the former with silvery bands, the latter with silver-tipped joints. Fore wings rounded at the tips, with a black stripe, which occupies half the breadth from the costa and more than half the length from the base and is contiguous to two elongated white points in the disk; a curved submarginal white line composed of an oblique streak, which joins the costa, and of a few short longitudinal streaks, accompanied by two black points and by a glaucous tinge; marginal line brown; exterior border convex, slightly oblique. Hind wings dark cupreous-brown. Length of the body 3 lines; of the wings 8 lines.

a, b. Ega. From Mr. Bates' collection.

246. GELECHIA ACCINCTELLA.

Fœm. *Obscure cupreo-fusca, subtus argentea; palporum articulus 2us nigro lineatus; abdomen subtus strigis lateralibus obliquis nigris; pedes supra nigri, argenteo fasciati; alæ antica cinereo conspersæ, fascia basali ferruginea, linea bidenticulata alba strigisque tribus atris submarginalibus, linea marginali albida.*

Female. Dark cupreous-brown. Head in front and under side silvery. Palpi more than twice longer than the breadth of the head; second joint with numerous transverse black lines; third setiform, a little longer than the second. Antennæ slender, shorter than the fore wings. Abdomen with black oblique streaks on each side beneath. Tibiæ and tarsi black above, the former with silvery bands, the latter with silver-tipped joints. Fore wings hardly acute,

thinly and minutely cinereous-speckled; a ferruginous band near the base; a white transverse bidenticulate line at five-sixths of the length, with three deep black streaks between it and the whitish marginal line; exterior border moderately oblique. Length of the body 4 lines; of the wings 10 lines.

g. b. Ega. From Mr. Bates' collection.

247. GELECHIA ABRUPTELLA.

Mas. *Cinereo-fusca, subtus argentea; palporum articulus 2us supra nigro lineatus; abdomen subtus strigis obliquis nigris; pedes supra nigri, argenteo fasciati; alæ anticæ puncto basali, macula discali, strigis tribus, strigaeque lata costali apicali; posticæ cupreo-fuscæ.*

Male. Cinereous-brown. Head in front and under side silvery. Palpi a little longer than the breadth of the head; second joint with numerous transverse black lines; third joint setiform, a little longer than the second. Abdomen with oblique black streaks on each side beneath. Tibiæ and tarsi black above, the former with silvery bands, the latter with silver-tipped joints. Fore wings hardly acute, with a black basal point and a black spot in the disk near the base; a white line extending obliquely outward from two-thirds of the length of the costa, and forming a very acute angle, contiguous on the inner side with two longitudinal black streaks; space between this line and the exterior border with a slaty tinge, and containing some minute white streaks and one minute black streak, which seems to be a continuation of the hinder end of the black streaks before mentioned; a broad black streak along the apical part of the costa; marginal line cinereous; exterior border slightly oblique. Hind wings cupreous-brown. Length of the body 5 lines; of the wings 7 lines.

g. Ega. From Mr. Bates' collection.

248. GELECHIA BINOTATELLA.

Fœm. *Cupreo-fusca, subtus argentea; palporum articulus 2us nigro lineatus; pedes supra cupreo-fusci, argenteo fasciati, alæ anticæ punctis duobus basalibus, macula discali, striga exteriore interrupta strigaeque lata costali apicali nigris, linea exteriore transversa angulata strigisque submarginalibus albis; posticæ latiusculæ.*

Female. Cupreous-brown, stout. Head in front and under side silvery. Palpi twice longer than the breadth of the head; second joint

with numerous transverse black lines; third a little longer than the second. Antennæ much shorter than the fore wings. Tibiæ and tarsi cupreous-brown above; tips of the tibiæ and of the joints of the tarsi silvery; tibiæ with a silvery band. Fore wings moderate broad, hardly acute, with two black points at the base and with a black spot in the disk near the base; a white transverse line at five-sixths of the length, traversed by an interrupted black streak, and forming an acute exterior angle, which emits a streak towards the border; a few slight white longitudinal submarginal streaks and a broad black streak along the tip of the costa; exterior border slightly convex, moderately oblique. Hind wings rather broad. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Ega. From Mr. Bates' collection.

249. GELECHIA REPANDELLA.

Fœm. *Obscure cupreo-fusca, subtus argentea; palporum articulus 2us nigro lineatus; pedes supra cupreo-fusci, argenteo fasciati; alæ anticæ latiusculæ, strigis duabus diffusis canis, guttis basalibus nigris, linea transversa interrupta subarcuata albida, strigisque tribus nigris submarginalibus.*

Female. Dark cupreous-brown, rather slender. Head in front and under side silvery. Palpi more than twice longer than the breadth of the head; second joint with numerous transverse black lines; third as long as the second. Antennæ slender, much shorter than the fore wings. Tibiæ and tarsi cupreous-brown above; tips of the tibiæ and of the joints of the tarsi silvery. Wings rather broad. Fore wings hardly acute, with two diffuse irregular hoary streaks; some elongated black dots towards the base; a slightly curved and interrupted transverse whitish line at five-sixths of the length, with three black streaks between it and the marginal line; exterior border slightly convex, moderately oblique. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Ega. From Mr. Bates' collection.

250. GELECHIA SEDUCTELLA.

Fœm. *Cervina, subtus argentea; palporum articulus 2us nigro lineatus; abdomen subtus strigis lateralibus obliquis nigris, pedes supra nigri, argenteo fasciati; alæ anticæ punctis basalibus elongatis strigisque nonnullis discalibus nigris, linea exteriori transversa arcuata punctulari strigisque submarginalibus albis, strigis tribus submarginalibus atris, linea marginali pallide cervina; posticæ cupreo-fuscæ.*

Female. Fawn-colour, nearly allied to *G. subscriptella*. Head front and under side silvery. Palpi more than twice longer than breadth of the head; second joint with numerous transverse black lines; third setiform, a little longer than the second. Abdomen with oblique black streaks on each side beneath. Tibiæ and tarsi black, the former with silvery bands, the latter with silver-tipped tips. Fore wings with a few elongated black points near the base, and with a few black streaks of various size in the disk; a curved white exterior line which is composed of points, except towards the apex, where it is entire and retracted; a few exterior white streaks, which are accompanied by three deep black streaks; marginal line pale fawn-colour; fringe dark brown at the base; exterior border rather oblique. Hind wings cupreous-brown. Length of the body 4½ lines; of the wings 8 lines.

—c. Ega. From Mr. Bates' collection.

251. GELECHIA SUBSCRIPTELLA.

Fœm. *Cinereo-fusca, subtus argentea; palporum articulus 2us nigro lineatus; abdomen subtus strigis lateralibus obliquis nigris; pedes supra nigri, argenteo fasciati; alæ anticæ cinereo conspersæ, punctis basalibus nigris, linea submarginali albida arcuata transversa, spatio marginali pallide cervino strigulas tres atras includente, linea marginali cinerea; posticæ cupreo-fusæ.*

Female. Greenish brown. Head in front and under side silvery. Palpi more than twice longer than the breadth of the head; second joint with many transverse black lines; third setiform, a little longer than the second. Antennæ slender, shorter than the fore wings. Abdomen with oblique black streaks on each side beneath. Tibiæ and tarsi black, the former with silvery bands, the latter with silvery tips to the joints. Fore wings rather narrow, hardly acute, speckled with cinereous; some black points near the base; a curved whitish line at five-sixths of the length; space from thence to the exterior border pale fawn-colour with a whitish tinge, and containing three minute deep black streaks; marginal line cinereous; fringe short, black at the base; exterior border slightly oblique. Hind wings cupreous-brown. Length of the body 3½ lines; of the wings 8 lines.

—c. Ega. From Mr. Bates' collection.

252. GELECHIA SUSPECTELLA.

Form. *Obscure cupreo-fusca, subtus argentea; palporum articulus 2us nigro lineatus; pedes supra nigri, argenteo fasciati, tarsi posticis argenteis nigro bifasciatis; alæ anticæ viridi nitentes punctis basalibus nigris, striga costali exteriori obliqua strigulisque submarginalibus albis, strigis submarginalibus atris linea marginali cinerea.*

Female. Dark cupreous-brown. Head in front and under side silvery. Palpi more than twice longer than the breadth of the head; second joint with numerous indistinct transverse black lines; third setiform, longer than the second. Tibiæ and anterior tarsi black above, the former with two silvery bands, the latter with silver-tipped joints; hind tarsi with two black bands. Fore wings hardly acute tinged with metallic green; a few black points in the disk near the base; the exterior white line obsolete, with the exception of a white streak, which extends obliquely from the costa; a few small white and deep black longitudinal streaks nearer the exterior border, which is convex and slightly oblique; marginal line cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

253. GELECHIA VERSATELLA.

Mas. *Cervina, subtus argentea; palporum articulus 2us latiusculus, nigro lineatus; pedes supra nigri, argenteo fasciati; alæ anticæ nigro strigatæ, linea submarginali transversa lata alba e lineolis duabus nigris interrupta; posticæ obscure cinereæ.*

Male. Fawn-colour. Head in front and under side silvery. Palpi more than twice longer than the breadth of the head; second joint rather broad, with numerous transverse black lines; third joint a little longer than the second. Antennæ much shorter than the fore wings. Tibiæ and tarsi black above, with the usual silvery rings. Fore wings rather narrow, hardly acute, with several various black streaks, of which one on the exterior part of the costa is larger than the others; a broad abbreviated transverse submarginal white line, intersected by two short slender longitudinal black lines; fringe black at the base, except hindward, where it is cinereous. Hind wings dark brown; fringe cinereous, pale brown towards the base. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

254. GELECHIA SCITELLA.

Fœm. *Cuprea, subtus argentea; palporum articulus 2us nigro lineatus; pedes supra cuprei, argenteo fasciati, tibiis posticis subfimbriatis; alæ anticæ fascia exteriorè lata ochracea strigam nigram angulatam includente, lineâ adhuc exteriorè transversa albida subdenticulata, strigis submarginalibus nigris albisque.*

Female. Dark cupreous. Head in front and under side silvery white. Palpi more than twice longer than the breadth of the head; second joint with numerous transverse black lines; third full as long as the second. Antennæ slender, much shorter than the fore wings. Tibiæ and tarsi dark cupreous above; tibiæ with a silvery band and silvery tips; joints of the tarsi with silvery tips; hind tibiæ slightly fringed. Fore wings narrow, slightly acute, with a broad exterior ochraceous band, which is much rounded on its outer side and contains an acutely angular black streak; a whitish transverse slightly denticulated line near the outer side of the band; a few black and white longitudinal streaks between the line and the exterior border, which is very oblique. Hind wings with the costa white along half the length from the base. Length of the body 3 lines; of the wings 7 lines.

♂—d. Ega. From Mr. Bates' collection.

255. GELECHIA SECTELLA.

Fœm. *Cinereo-nigra, sat robusta, subtus argentea; abdomen subtus strigis lateralibus obliquis nigris; pedes supra nigri, argenteo fasciati; alæ anticæ latiusculæ, puncto basali, macula discali strigae costali latæ apicali nigris, punctis nonnullis mediis, lineâ transversa angulata strigisque submarginalibus albidis, fascia exteriorè ferruginea strigulas duas nigras includente; posticæ obscure cupreæ.*

Female. Cinereous-black, rather stout. Head in front and under side silvery white. Antennæ slender, much shorter than the fore wings. Abdomen with oblique black streaks along each side beneath. Tibiæ and tarsi black above; tibiæ with a silvery band and silvery tips; joints of the tarsi with silvery tips. Wings rather broad. Fore wings rounded at the tips, with a black point at the base, and a black spot in the disk near the base, and a few irregular more exterior whitish points, beyond which there is a ferruginous band; this band is dilated in front and contains two black streaks,

which intersect an exterior whitish acutely retracted transverse line; a broad black streak along the tip of the costa and a few small submarginal whitish streaks; exterior border nearly straight, hardly oblique. Hind wings dark cupreous; fringe dark cinereous. Length of the body 3 lines; of the wings 8 lines.

a. Ega. From Mr. Bates' collection.

256. GELECHIA TARDELLA.

Mas et fœm. *Nigro-fusca, sat robusta, sublus argentea; palporum articulus 2us apice nigricans; pedes nigro fasciati; alæ anticæ cinereo conspersæ, maculis discalibus nigris nonnunquam obsoletis, strigis submarginalibus albis atrisque; posticæ obscure cupreo-fuscæ.*

Male and female. Blackish brown, rather stout. Head in front and under side silvery white. Palpi full twice longer than the breadth of the head; second joint blackish towards the tip; third longer than the second. Antennæ slender, much shorter than the fore wings. Tibiæ and tarsi with black bands. Fore wings narrow, rounded at the tips, irregularly cinereous-speckled, with two or three black occasionally obsolete spots in the disk; a few white and deep black submarginal streaks; exterior border hardly convex, rather oblique. Hind wings dark cupreous-brown; fringe dark cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a, b. Ega. From Mr. Bates' collection.

257. GELECHIA COGNATELLA.

Fœm. *Obscure cuprea, sat robusta, sublus argentea; pedes non fasciati; alæ anticæ latiusculæ, subcinerascentes, gutta discali exteriore nigricante, linea adhuc exteriore cinerea transversa subdenticulata.*

Female. Dark cupreous, rather stout. Head in front and under side silvery. Palpi more than twice longer than the breadth of the head; third joint setiform, a little longer than the second. Antennæ very slender, a little shorter than the fore wings. Legs without bands. Wings rather broad. Fore wings hardly acute, with a slight cinereous tinge; a blackish dot in the disk beyond the middle, and a more exterior transverse cinereous slightly denticulated line; exterior border almost straight, slightly oblique. Length of the body 2 lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

258. GELECHIA SUBLATELLA.

Mas. *Obscure cuprea, sat robusta, subtus argentea; palporum articulus 2us apice 3usque nigricantes; pedes supra nigri, argenteo fasciati; alæ anticæ viridi tinctæ, guttis octo nigris, punctis quatuor elongatis submarginalibus punctoque costali albis.*

Male. Dark cupreous, rather stout. Head in front and under side silvery white. Palpi rather stout, more than twice longer than the breadth of the head; second joint blackish towards the tip; third blackish, except at the base. Legs stout; tibiæ and tarsi black above, with silvery bands. Fore wings narrow, rounded at the tips, tinged with dull green, adorned with eight black dots, of which four are in the disk, one near the base, one near the interior angle, and two near the fore part of the exterior border, these two accompanied by four elongated white points; a white costal point at three-fourths of the length; exterior border convex, slightly oblique. Length of the body 2 lines; of the wings 5 lines.

α. Ega. From Mr. Bates' collection.

259. GELECHIA MONOCHROMELLA.

Mas. *Cinereo-fusca, sat robusta, subtus æneo-cinerea; alæ anticæ subconspersæ, lituris tribus subcostalibus indistinctis punctisque marginalibus minimis nigricantibus, spatio marginali pallidiore; posticæ cupreo suffusæ.*

Male. Cinereous-brown, rather stout, more cinereous and tinged with æneous beneath. Palpi more than twice longer than the breadth of the head; third joint setiform, longer than the second. Antennæ very slender, shorter than the fore wings. Abdomen extending for half its length beyond the hind wings. Legs stout. Fore wings moderately broad, rounded at the tips, with very indistinct darker speckles; three indistinct blackish marks in a line near the costa; space towards the exterior border rather paler; marginal points blackish, very minute; exterior border convex, slightly oblique. Hind wings with a cupreous tinge, a little darker than the fore wings. Length of the body 4 lines; of the wings 10 lines.

α. Ega. From Mr. Bates' collection.

260. GELECHIA PERMUNDELLA.

Mas. *Schistacea* ; *pedes supra nigri, argenteo fasciati* ; *alæ anticae macula postica obliqua elongata guttaque discali exterioriore cupreo-fuscis cinereo marginatis, fascia adhuc exterioriore intus cinereo marginata, margine exterioriore pallide cervino punctis nigris.*

Male. Slaty cinereous. Head in front and under side paler cinereous. Antennæ very minutely serrated, a little shorter than the fore wings. Fore tibiæ with a black band; fore tarsi black above, with silvery-tipped joints; posterior tibiæ and tarsi blackish above; the band of the former and the tips of the joints of the latter silvery. Fore wings rather narrow, rounded at the tips, with three cupreous-brown marks; first and second marks cinereous-bordered; first forming an elongated oblique spot, which rests on the interior border before the middle; third forming a dot in the exterior disk; third forming a more exterior band, bordered with cinereous on the inner side; exterior border convex, pale fawn-colour, with black points. Length of the body 3 lines; of the wings 7 lines.

a. Ega. From Mr. Bates' collection.

261. GELECHIA TACTELLA.

Mas et fœm. *Nigricante-cinerea* ; *subtus argenteo-cinerea* ; *pedes supra nigricantes, pallido fasciati* ; *alæ anticae gutta discali fasciisque duabus cupreo-nigris ochraceo marginatis, fascia la antice abbreviata, punctis marginalibus nigris* ; *posticae obscure fuscae.*

Male and female. Blackish cinereous, silvery cinereous beneath. Palpi full twice longer than the breadth of the head; second joint rather broad; third very slender, as long as the second. Antennæ shorter than the fore wings. Tibiæ and tarsi blackish above, the former with a pale band and pale tips, the latter with pale tips to the joints. Fore wings rather narrow, slightly rounded at the tips, with two broad cupreous-black ochraceous-bordered bands; first band rounded in front, not extending to the costa; a cupreous-black ochraceous-bordered discal dot, contiguous to the second band, which extends to the exterior border; marginal points black; exterior border convex, very oblique hindward. Hind wings dark brown. Length of the body 2 lines; of the wings 5 lines.

a, b. Ega. From Mr. Bates' collection.

262. GELECHIA SUMPTELLA.

Mas. *Cyanescente-nigra, subtus argentea ; antennæ apices versus argenteæ ; pedes supra nigricantes, argenteo fasciati ; alæ anticæ fascia lata guttaque discali obscure ferrugineis cinereo marginalis, fascia exteriori intus cinereo marginata, linea marginali e punctis connexis nigris ; posticæ obscure cupreo-fusca.*

Male. Bluish black, slender. Head in front and under side silvery. Palpi more than twice longer than the breadth of the head ; third joint broad ; third setiform, shorter than the second. Antennæ slender, silvery towards the tips, shorter than the fore wings. Tibiæ and tarsi blackish above ; tips of the tibiæ and of the joints of the tarsi silvery. Fore wings rather narrow, slightly rounded at the tips, with two broad dark ferruginous bands ; first band before the middle broadest hindward, bordered with cinereous on each side ; a dark ferruginous cinereous-bordered discal dot, contiguous to the second band, which is bordered with cinereous on the inner side ; marginal line black, composed of connected points ; exterior border slightly convex, moderately oblique. Hind wings dark cupreous-brown. Length of the body $2\frac{1}{2}$ lines ; of the wings 6 lines.

a, b. Ega. From Mr. Bates' collection.

263. GELECHIA DISPLICITELLA.

Mas. *Æneo-cinerea, subtus argentea ; pedes unicolores ; alæ anticæ latiusculæ, subpurpurascens ; posticæ cupreæ, fimbria cinerea.*

Male. *Æneous-cinereous, stout.* Head in front and under side silvery. Palpi twice longer than the breadth of the head ; third joint setiform, a little longer than the second. Antennæ slender, shorter than the fore wings. Legs wholly silvery. Wings rather broad. Fore wings with a slight purplish tinge ; exterior border almost straight, moderately oblique. Hind wings cupreous ; fringe cinereous. Length of the body 4 lines ; of the wings 10 lines.

a. Ega. From Mr. Bates' collection.

264. GELECHIA SUBVECTELLA.

Fœm. *Obscure cupreus, subtus argentea; palporum articulus 2us apice nigricans; pedes supra nigricantes, argenteo fasciati; alæ anticæ sat angustæ, apice rotundatæ, chalybæo quadri-fasciatæ.*

Female. Dark cupreous. Head in front and under side silvery. Palpi twice longer than the breadth of the head; second joint blackish at the tip; third setiform, much shorter than the second. Antennæ shorter than the fore wings. Tibiæ and tarsi blackish; tips of the former and of the joints of the latter silvery. Fore wings rather narrow, rounded at the tips, with four chalybeous bands; first band very near the base; fourth very near the exterior border, which is convex and hardly oblique. Length of the body 2 lines; of the wings 5 lines.

a. Ega. From Mr. Bates' collection.

265. GELECHIA EXTERIORELLA.

Mas. *Viridis, subtus argentea; pedes supra nigri, argenteo fasciati; alæ anticæ triente apicali aurato rufa strigam viridem includente, strigis duabus interioribus auratis.*

Male. Metallic green, nearly allied to *G. suffectella*. Head in front and under side silvery. Abdomen above and hind wings cupreous. Tibiæ and tarsi black above, except the tips of the former and the three last joints of the latter. Fore wings narrow, hardly acute; apical third part bright gilded red, this hue containing a green streak, and communicating with two gilded streaks, which are contained in the green part; exterior border very oblique. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

266. GELECHIA SUFFECTELLA.

Mas. *Obscure cuprea, subtus argentea; pedes supra nigri, argenteo fasciati; alæ anticæ basi chalybææ, maculis duabus magnis chalybæo marginatis, 1a costali, 2a apicali, litura discali intermedia chalybæa; posticæ cupreæ.*

Male. Dark cupreous, slender. Head in front and under side silvery. Palpi more than twice longer than the breadth of the head; third joint longer than the second. Antennæ much shorter than the

fore wings. Tibiæ and tarsi black above; tips of the tibiæ and of the joints of the tarsi silvery; tibiæ with a silvery band. Fore wings narrow, chalybeous at the base, rounded at the tips, with two large dark cupreous chalybeous-bordered spots; first spot costal, a little before the middle; second apical; a chalybeous mark in the disk between the two spots; fringe chalybeous, black at the base; exterior border very oblique hindward. Hind wings cupreous. *Var. β.*—Head chalybeous-blue. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a, b. Ega. From Mr. Bates' collection.

267. GELECHIA TENTATELLA.

Fœm. *Cuprea, subtus argentea; antennæ fascia lata argentea; pedes antici tibiis ochraceis subfimbriatis, tarsis basi ochraceis; pedes posteriores supra nigricantes, argenteo fasciati; alæ anticæ fascia media lata ochracea, strigis sex latis chalybæis, lineolis duabus chalybæis duabusque albis obliquis costalibus.*

Female. Cupreous. Head in front and under side silvery. Palpi gilded, more than twice longer than the breadth of the head; second joint squamous; third rather stout, silvery at the tip, as long as the second. Antennæ a little shorter than the fore wings, with a broad silvery band beyond the middle. Fore tarsi towards the base and fore tibiæ ochraceous, the latter slightly dilated and fringed; posterior tibiæ and tarsi blackish above, the latter with silver-tipped joints. Fore wings narrow, hardly acute, with a broad ochraceous middle band; six broad chalybeous streaks, four of which are between the band and the base of the wing; the fifth intersects the exterior part of the band and extends to the interior angle; the sixth is in the submarginal disk; two slender chalybeous lines extend obliquely from the costa and intersect the outer part of the band, and are accompanied by two shorter white lines; exterior border convex, very oblique hindward. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

268. GELECHIA SUBJECTELLA.

Mas. *Cuprea, subtus argentea; caput cyaneum; pedes supra nigri, argenteo fasciati; alæ anticæ fascia lata aurato rufa, strigam emittente intus purpureo marginata strigam obliquam*

purpuream nigro marginatam includente, punctis basalibus purpureis, spatio marginali nigro strigas tres purpureas includente; posticæ basi albæ.

Male. Cupreous, slender. Head metallic-blue; front and under side of the body silvery. Palpi more than twice longer than the breadth of the head; third joint longer than the second. Antennæ shorter than the fore wings. Legs rather stout, black above; tips of the femora, of the tibiæ, of the joints of the tarsi and spurs silvery; tibiæ with a silvery band. Fore wings narrow, rounded at the tips, with a broad gilded red band, which emits a streak to the exterior border, and is bounded on the inner side by an oblique purple line; some purple points towards the base, and an oblique purple black-bordered streak in the band; space beyond the band black, with three purple streaks; exterior border very oblique. Hind wings white towards the base, except in front. Length of the body 2 lines; of the wings 5 lines.

a, b. Ega. From Mr. Bates' collection.

269. GELECHIA PERLATELLA.

Mas. *Obscure cuprea, subtus argentea; caput viride; abdomen nigro fasciatum, apice cupreum; pedes supra nigricantes, argenteo fasciati; alæ anticæ basi virides, fasciis duabus obliquis æneo-cinereis.*

Male. Dark cupreous, slender. Head, fore part of the thorax and base of the costa of the fore wings bright metallic-green. Head in front and under side silvery. Palpi very slender, more than twice longer than the breadth of the head; third joint longer than the second. Antennæ very slender, shorter than the fore wings. Abdomen with a black band on the fore border of each segment; apical tuft cupreous. Tibiæ and tarsi blackish above; anterior tibiæ with two silvery bands; joints of the anterior tarsi with silvery tips; hind tibiæ silvery at the base and at the tips. Wings narrow; fringe cinereous. Fore wings rounded at the tips, with two oblique æneo-cinereous bands, one near the base, the other in the middle; exterior border very oblique. Length of the body 3 lines; of the wings 8 lines.

a, b. Ega. From Mr. Bates' collection.

270. GELECHIA STELLIFERELLA.

Mas. *Obscure cuprea, subtus argentea; caput viride; antennæ apice argenteæ; pedes supra nigricantes, argenteo fasciati; alæ anticæ basi virides, punctis quatuor argenteis; posticæ subpurpurascens.*

Male. Dark cupreous, slender, silvery beneath. Head, fore part of the thorax, disk of the abdomen and base of the fore wings bright metallic-green. Palpi more than twice longer than the breadth of the head; third joint a little shorter than the second. Antennæ rather stout, silvery towards the tips, a little shorter than the fore wings. Tibiæ and tarsi black above; tibiæ with a silvery band and silvery tips. Wings very narrow. Fore wings rounded at the tips, with four silvery points; two points near the costa, one between them nearer the interior border, and one near the interior angle; exterior border extremely oblique. Hind wings darker than the fore wings, with a purplish tinge. Length of the body 3 lines; of the wings 8 lines.

a. Ega. From Mr. Bates' collection.

271. GELECHIA SPECIOSELLA.

Mas. *Obscure cuprea, subtus argentea; caput et abdomen disco viridia; antennæ apice argenteæ; pedes supra cuprei, argenteo fasciati; alæ anticæ punctis quinque albis.*

Male. Dark cupreous, slender. Head, fore border of the thorax and disk of the abdomen bright metallic-green. Head in front and under side silvery. Palpi slender, about thrice longer than the breadth of the head; third joint setiform, longer than the second. Antennæ silvery towards the tips, a little shorter than the fore wings. Abdomen with a rather long apical tuft. Tips of the tibiæ and of the joints of the tarsi silvery. Wings narrow, hardly acute, with a white point on the fringe at the tip. Fore wings with five white points; first point near the interior border at one-fourth of the length; second near the costa before the middle; third in the disk beyond the middle; fourth near the interior angle; fifth near the costa, beyond three-fourths of the length; exterior border very oblique. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a, b. Ega. From Mr. Bates' collection.

272. GELECHIA SELECTELLA.

Mas. *Obscure cuprea, subtus argentea; antennæ vix serratæ; pedes supra cuprei, argenteo fasciati; alæ anticæ e punctis viridibus micantibus bifasciatæ, punctis duobus exterioribus purpureis.*

Male. Dark cupreous, slender. Head in front and under side silvery. Palpi twice longer than the breadth of the head; second joint slightly fringed on both sides; third black, slender, setiform, a little longer than the second. Antennæ slender, hardly serrated, much shorter than the fore wings. Tibiæ and tarsi cupreous above; tips of the tibiæ and of the joints of the tarsi silvery. Fore wings narrow, slightly rounded at the tips, with two bands composed of glittering green points; two glittering purple points; one near the end of the costa; the other nearer the exterior border, larger than the first; costa slightly dilated at a little beyond the middle; exterior border very oblique. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

273. GELECHIA SMARAGDULELLA.

Mas. *Viridis, subtus argentea; abdomen nigro fasciatum, apice cupreum; pedes supra nigri, argenteo fasciati; alæ obscure cupreæ; anticæ aureo-viridi aut cupreo nitentes, basi virides, fasciis duabus obliquis purpureo-cinereis.*

Male. Bright metallic-green, smooth, squamous. Head in front and under side silvery. Palpi about twice longer than the breadth of the head; third joint setiform, longer than the second. Antennæ shorter than the fore wings. Abdomen with a black band on the fore border of each segment; apical tuft cupreous, quadrate. Legs stout; tibiæ and tarsi black above, the former with silvery bands, the latter with silver-tipped joints. Wings dark cupreous, narrow, slightly acute; fringe hoary. Fore wings bright metallic-green towards the base, with two oblique purplish cinereous bands, of which the outer one is much broader than the inner one; most of the surface in some aspects with golden green or cupreous reflections; exterior border very oblique. Length of the body 3 lines; of the wings 8 lines.

a. Santarem. From Mr. Bates' collection.

274. GELECHIA SECUNDELLA.

Mas. *Obscure cupreo-fusca, subtus argentea; caput et abdominis dorsum viridia; pedes supra cupreo-fusci, argenteo fasciati; alæ anticæ basi virides, fasciis duabus obliquis cinereo-æneis.*

Male. Dark cupreous-brown. Head, fore border of the thorax, abdomen above and fore wings at the base bright metallic-green. Head in front and under side silvery white. Antennæ slender, shorter than the fore wings. Tibiæ and tarsi dark cupreous-brown above; tibiæ with a silvery band and silvery tips; joints of the tarsi with silvery tips. Wings moderately broad; fringe cinereous. Fore wings hardly acute, with two irregular oblique cinereous-æneous bands, one near the base, the other in the middle; exterior border almost straight, very oblique. Length of the body 3 lines; of the wings 7 lines.

a. Ega. From Mr. Bates' collection.

275. GELECHIA SUSCEPTELLA.

Fœm. *Cinereo-nigra, cupreo et purpurascente suffusa, subtus argenteo-cinerea; pedes supra nigro-cuprei, argenteo fasciati; alæ anticæ latiusculæ, puncto discali nigricante, linea exteriori transversa subangulosa cinerea; posticæ obscure cupreo-fusæ.*

Female. Cinereous-black, rather stout, with slight cupreous and purplish reflections. Head in front and under side silvery cinereous. Palpi more than twice longer than the breadth of the head; third joint longer than the second. Antennæ slender, much shorter than the fore wings. Tibiæ and tarsi blackish cupreous; tips of the tibiæ and of the joints of the tarsi silvery. Fore wings rather broad, slightly rounded at the tips, with a blackish point in the disk beyond the middle, and with a more exterior transverse slightly zigzag cinereous line; marginal points blackish, indistinct; exterior border hardly convex, moderately oblique. Hind wings dark cupreous-brown; fringe blackish cinereous. Length of the body 3 lines; of the wings 8 lines.

a. Ega. From Mr. Bates' collection.

276. GELECHIA COLLOCATELLA.

Fœm. *Cupreo-nigra, viridi suffusa, subtus argentea; pedes supra nigri, argenteo fasciati; alæ anticæ albido conspersæ, punctis basalibus nigris, linea exteriora transversa e punctis albis strigulis submarginalibus albis nigrisque.*

Female. Cupreous-black, slender, with a green tinge. Head in front and under side silvery white. Palpi very slender, more than twice longer than the breadth of the head; third joint longer than the second. Antennæ slender, shorter than the fore wings. Tibiæ and tarsi black above; band and tips of the tibiæ and tips of the joints of the tarsi silvery. Wings narrow. Fore wings rounded at the tips, slightly and irregularly whitish-speckled; a few black points near the base; a transverse line near the exterior border indicated by a few white points; a few more exterior longitudinal white streaks, accompanied by a few black streaks; exterior border very oblique. Hind wings not tinged with green. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

277. GELECHIA SECRETELLA.

Fœm. *Obscure cupreo-fusca, sat robusta, subtus argentea; pedes supra cuprei, argenteo fasciati; alæ anticæ latiusculæ, fasciis duabus latis connexis chalybæis aureo-viridi nitentibus, linea transversa submarginali abbreviata albida; posticæ obscure cupreæ.*

Female. Dark cupreous-brown, rather stout. Head in front and under side silvery. Palpi more than twice longer than the breadth of the head; third joint longer than the second. Antennæ slender, shorter than the fore wings. Tibiæ and tarsi dark cupreous above; tibiæ with a silvery band and silvery tips; joints of the tarsi with silvery tips. Wings rather broad. Fore wings slightly acute, with two broad irregular chalybeous bands, which have golden green reflections and are connected on the interior border; an abbreviated transverse submarginal whitish line; exterior border straight, slightly oblique. Hind wings dark cupreous; fringe blackish cinereous. Length of the body 3 lines; of the wings 8 lines.

a, b. Ega. From Mr. Bates' collection.

278. GELECHIA QUADRIFASCIA.

Mas. *Obscure glauco-cuprea, robusta, subtus argentea; pedes supra nigricantes, argenteo fasciati; alæ anticæ latiusculæ, fasciis quatuor obliquis non glaucescentibus.*

Male. Dark cupreous, stout, with a glaucous tinge. Head in front and under side silvery. Palpi more than twice longer than the breadth of the head; third joint setiform, much longer than the second. Antennæ very slender, shorter than the fore wings. Tibiæ and tarsi blackish above; tips of the tibiæ and of the joints of the tarsi silvery. Wings rather broad; fringe cinereous. Fore wings acute, with four oblique bands of the ground hue; third band broader than the first and than the second; fourth slender, marginal; exterior border straight, moderately oblique. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Ega. From Mr. Bates' collection.

279. GELECHIA CANOFUSELLA.

Mas. *Nigra, chalybæo-cinereo suffusa, sat robusta, subtus argenteo-cinerea; tarsorum articuli apice argentei; alæ anticæ fascia submarginali nigra lineam angulosam chalybæam includente; posticæ obscure cupreæ.*

Male. Black, rather stout, tinged with chalybeous-cinereous. Head in front and under side silvery cinereous. Palpi very slender, more than twice longer than the breadth of the head; third joint setiform, longer than the second. Antennæ very slender, much shorter than the fore wings. Tips of the joints of the tarsi silvery. Wings broad. Fore wings acute; submarginal band not chalybeous, but including a zigzag chalybeous line; exterior border almost straight, slightly oblique. Hind wings dark cupreous. Length of the body 3 lines; of the wings 7 lines.

a. Ega. From Mr. Bates' collection.

280. GELECHIA SUPERELLA.

Fœm. *Cinereo-nigra, robusta, subtus argentea; pedes supra nigri, argenteo fasciati; alæ anticæ latiusculæ, fasciis quinque cupreo-nigris, 1a 2a 3a que interruptis, 4a obliqua, 5a tenui marginali; posticæ cupreo-nigræ,*

Female. Cinereous-black, stout. Head in front and under side silvery white. Palpi more than twice longer than the breadth of the head; third joint much longer than the second. Antennæ slender, much shorter than the fore wings. Tibiæ and tarsi black above; tips of the tibiæ and of the joints of the tarsi silvery. Wings rather broad. Fore wings slightly rounded at the tips, with five cupreous-black bands; first, second and third bands incomplete, fourth broader, complete, oblique; fifth slender, marginal; fringe cinereous. Hind wings cupreous-black. Length of the body 3 lines, of the wings 9 lines.

a. Ega. From Mr. Bates' collection.

281. GELECHIA OSTENSELLA.

Mas. *Anthracina, sat robusta, subtus nigro-cinerea; palpi squamoso pilosi; tarsorum articuli apice argentei; alæ anticae plaga discali rhomboidali fasciæque submarginali cupreo atris punctis duobus intermediis nigris cinereo marginatis, punctis marginalibus nigris; posticæ obscure cupreæ.*

Male. Coal-black, rather stout, blackish cinereous beneath. Palpi more than twice longer than the breadth of the head; second joint and basal part of the third joint thickly covered with short squamous hairs; third joint setiform, shorter than the second. Antennæ slender, a little shorter than the fore wings. Joints of the tarsi with silvery tips. Wings moderately broad. Fore wing hardly acute, with a deep cupreous-black rhomboidal patch in the disk and with a submarginal band of the same hue; two intermediate black cinereous-bordered points and a few minute black marginal points; exterior border almost straight, moderately oblique. Hind wings dark cupreous. Length of the body 3 lines; of the wings 7 lines.

a. Ega. From Mr. Bates' collection.

282. GELECHIA TRIPLAGELLA.

Mas. *Cervina, sat robusta, subtus argenteo-cinerea; palporum articulus 2us latus, apice nigricans et subpilosus; 3us nigro fasciatus; antennæ subserratæ; pedes supra nigricantes; alæ anticae latiusculæ, nigro conspersæ, chalybæo suffusæ, plagiis tribus fuscis; posticæ cupreæ.*

Male. Fawn-colour, rather stout. Head in front and under side silvery cinereous. Palpi more than twice longer than the

breadth of the head; second joint broad, blackish and slightly pitted above towards the tip; third setiform, rather stout, shorter than second, with a black band near its tip. Antennæ very minutely pitted, shorter than the fore wings. Tibiæ and tarsi blackish above. Fore wings rather broad, slightly rounded at the tips, thickly blackish-speckled, mostly tinged with chalybeous; three brown spots; first and second irregularly triangular; first resting on the anterior border before the middle; second resting on the costa beyond the middle; third forming a submarginal band; fringe overlined with dark brown near the base; exterior border straight, very slightly oblique. Hind wings cupreous. Length of the body 3 lines; of the wings 8 lines.

Eggs. From Mr. Bates' collection.

283. GELECHIA DESIGNATELLA.

Fœm. *Obscure schistacea; palpi nigro pilosæ, capitis latitudine fere triplo longiores; tarsi apice albidi; alæ anticæ apice subrotundatæ, maculis duabus maximis guttaque discali nigris albido marginatis, punctis marginalibus nigris.*

Female. Dark slaty cinereous, rather stout, a little paler beneath. Palpi much curved, nearly thrice longer than the breadth of the head; second joint thickly clothed with short black hairs; third joint as long as the second. Antennæ slender. Abdomen extending a little beyond the hind wings, pale cinereous beneath. Legs smooth, stout; tarsi with whitish tips. Wings moderately broad, slightly rounded at the tips. Fore wings with two very large black spots; first spot irregularly conical, extending from the anterior border nearly to the costa, whitish-bordered on two sides; second spot diffuse towards the exterior border, bordered on the inner side by a whitish slightly curved line; a black discal whitish-bordered dot between the two spots; marginal points black; costa very slightly convex towards the base; exterior border very slightly oblique. Length of the body 7 lines; of the wings 8 lines.

Eggs. From Mr. Bates' collection.

284. GELECHIA CINCTELLA.

Mas. *Rufescente-cervina, subtus argentea; pedes supra nigri aut cinerei, argenteo fasciati; alæ anticæ punctis duobus discalibus punctisque marginalibus nigris, puncto postico nigro albo-notato, linea exteriori transversa albida denticulata, punctis marginalibus nigris; posticæ obscure cinereæ.*

Male. Reddish fawn-colour. Head in front and under silvery. Palpi more than twice longer than the breadth of head; second joint squamous; third setiform, rather shorter than the second. Antennæ shorter than the fore wings. Abdomen, legs dark cinereous above; tips of the tibiæ and of the joints of the tarsi silvery. Anterior tibiæ and tarsi black above; fore tibiæ with a silvery point; middle tibiæ with a silvery band. Fore wings moderately broad, rounded at the tips, with two black points placed longitudinally in the disk; a white black-marked point behind the first point; an exterior transverse denticulated whitish line; marginal points black; exterior border convex, hardly oblique. Hind wings dark cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Ega. From Mr. Bates' collection.

285. GELECHIA POMACELLA.

Fœm. *Pomacea, subtus argentea; alæ anticæ lituris quatuor costalibus nigris, 1a basali, 3a 4aque trigonis, linea exteriori transversa flexa alba, punctis marginalibus nigris; postica obscure cupreæ.*

Female. Apple-green. Head in front and under side silvery white. Palpi more than twice longer than the breadth of the head; second joint broad, with a short fringe on each side; third setiform, longer than the second. Antennæ slender, shorter than the fore wings. Tibiæ and tarsi black above; tips of the tibiæ and of the joints of the tarsi silvery white. Fore wings narrow, hardly acute, with four black costal marks; first mark basal; third and fourth triangular, larger than the first and than the second; a white black transverse line extending from the fourth mark to the interior angle; marginal points black, minute; exterior border rather oblique hindward. Hind wings dark cupreous. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

286. GELECHIA EMISSURELLA.

Mas. *Pallide ochracea, robusta, subtus argenteo-cinerea; palpi nigri, articulo 3o pallide ochraceo basi nigro; antennæ sub serratæ; pedes supra nigricantes, argenteo fasciati, tibiæ posticis fimbriatis; alæ anticæ vitta postica latissima obscure cuprea strigam obliquam emittente, spatio submarginali nigricante fasciam æneam strigulasque nigras includente; postica obscure cuprea.*

Male. Pale ochraceous, stout, silvery cinereous beneath. Palpi nearly twice longer than the breadth of the head; second joint rather broad; third setiform, pale ochraceous, black at the tip, much shorter than the second. Antennæ stout, very minutely pectinate. Legs stout, mostly blackish above; tips of the tibiæ and the joints of the tarsi silvery; hind tibiæ with a short thick fringe. Wings moderately broad. Fore wings hardly acute, with a dark æneous stripe on the interior border, occupying more than half the breadth, extending from near the base to three-fourths of the length, and emitting a short oblique streak towards the costa; submarginal line diffusedly blackish, with an irregular æneous band, beyond which there are a few very minute black longitudinal streaks; anterior border slightly convex, moderately oblique. Hind wings dark cupreous; fringe æneous-cinereous. Length of the body 1½ lines; of the wings 9 lines.

—d. Ega. From Mr. Bates' collection.

287. GELECHIA RUSTICELLA.

Mas. *Cuprea, subtus argentea; antennæ glabræ, graciles; pedes supra cuprei, argenteo fasciati; alæ anticæ fascia lata, linea transversa interiore subangulosa liturisque exterioribus costalibus cinereis, fascia submarginali purpurea.*

Male. Cupreous, slender. Head in front and under side very. Palpi more than twice longer than the breadth of the head; second joint rather broad; third slender, setiform, as long as the second. Antennæ smooth, slender, much shorter than the fore legs. Tibiæ and tarsi cupreous above, with silvery bands. Fore wings narrow, acute, with a broad irregular speckled cinereous band; a slightly zigzag transverse line between the band and the base of the wing, and a few minute cinereous marks near the costa and contiguous to a metallic-purple submarginal band; exterior border very oblique. Hind wings with the costa whitish along most of the length. Length of the body 1½ line; of the wings 4 lines.

Ega. From Mr. Bates' collection.

288. GELECHIA SEJUNOTELLA.

Frem. *Cervina, subtus argentea; abdomen nigricans; pedes pallidi, concolores; alæ anticæ latiusculæ, fascia lata abbreviata strigam emittente maculaque submarginali cervinis; posticæ nigricantes.*

Female. Fawn-colour. Head in front and under side silvery. Palpi rather stout, much longer than the breadth of the head; first joint setiform, shorter than the second. Antennæ much shorter than the fore wings. Abdomen and hind wings blackish. Legs white. Fore wings rather broad, somewhat rounded at the tips, with a broad darker fawn-coloured band, which is abbreviated towards the costa and emits an oblique streak outward; this streak approaches the hind end of an elongated submarginal spot of the same hue. Length of the body 2 lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

289. GELECHIA PROPRIELLA.

Mas. Cervina, subtus argenteo-cinerea; palpi cervino trifasciati; antennæ subserratae; alæ anticæ fasciis duabus obliquis argenteis, linea apud marginem interiorem strigaeque lata subapicali ochraceis, hac lineolam nigram includente, spatio marginis argenteo; posticæ æneæ.

Male. Fawn-colour, slender. Head in front and under side silvery cinereous. Palpi about thrice longer than the breadth of the head; second joint with two pale fawn-coloured bands; third joint setiform, pale fawn-coloured, except at the base, a little longer than the second. Antennæ slender, very minutely serrated, as long as the fore wings. Wings narrow. Fore wings rounded at the tips with two oblique silvery bands, one near the base, the other in the middle; an irregular ochraceous line along the interior border, and an ochraceous short broad subapical streak, which contains a little black line; marginal space mostly silvery. Hind wings æneous. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

290. GELECHIA SUPERATELLA.

Ferruginea, subtus argentea; palpi fusco trifasciati; antennæ setulosæ; pedes robusti, tibiis posticis fimbriatis, tarsis posticis fusco fasciatis; alæ anticæ fasciis duabus lineaque antica duplicata obliquis argenteis, strigis ochraceis liturisque argenteis et nigris submarginalibus; posticæ æneo-cinereæ.

Ferruginous. Head in front and under side silvery. Palpi nearly thrice longer than the breadth of the head; second joint with two brown bands; third brown, setiform, silvery at the base nearly as long as the second. Antennæ minutely setulose. Legs stout; hind tibiæ thickly fringed; hind tarsi with brown bands.

Fore wings slightly acute, moderately broad, with two irregular oblique silvery bands; first band near the base; second in the middle; a double silvery line extending from the costa to one-third of the breadth, more oblique than the second band; some ochraceous streaks between the second band and the exterior border, accompanied by black and silvery marks; exterior border very oblique. Hind wings æneous-cinereous. Length of the body 3 lines; of the wings 7 lines.

a. Ega. From Mr. Bates' collection.

291. GELECHIA SUFFUSILLA.

Fœm. *Cupreo-nigra, subtus argentea; pedes supra cupreo-nigri, argenteo fasciati; alæ anticæ fasciis duabus albis latis connexis, 2a marginem versus diffusa, punctis submarginalibus albis elongatis.*

Female. Cupreous-black. Head in front and under side silvery white. Palpi more than twice longer than the breadth of the head; second joint with numerous transverse black lines; third longer than the second. Antennæ very slender, shorter than the fore wings. Tibiæ and tarsi cupreous-black above; tibiæ with a silvery band and silvery tips; joints of the tarsi with silvery tips. Fore wings narrow, rounded at the tips, with two broad white irregular bands; first band extending to the base, connected in the disk with the second, which is diffused towards the exterior border; a row of white elongated submarginal points; exterior border slightly convex and oblique. Length of the body 2 lines; of the wings 5 lines.

a. Ega. From Mr. Bates' collection.

292. GELECHIA SUBLUSTRICELLA.

Mas. *Pallide ochracea, sat robusta, subtus argentea; palporum articulus 2us late fimbriatus; pedes supra cuprei, argenteo fasciati, tibiis posticis pallidis fimbriatis; alæ anticæ nigro conspersæ, vitta costali cuprea e lineis duabus pallidis interrupta, litura basali strigisque duabus posticis obliquis cupreis, fascia submarginali chalybæa; posticæ æneæ.*

Male. Pale ochraceous, rather stout. Head and under side silvery white. Palpi about twice longer than the breadth of the head; second joint broadly fringed on both sides; third slender, uniform, as long as the second. Antennæ smooth, slender, much

shorter than the fore wings. Tibiæ and tarsi cupreous above; tip of the tibiæ and of the joints of the tarsi silvery; hind tibiæ pale fringed. Fore wings moderately broad, much rounded at the tip; minutely black-speckled, with a cupreous costal stripe, which is interrupted by two oblique pale lines, and does not extend to the tip; a cupreous mark at the base of the interior border; two irregular oblique cupreous streaks extending outward to the disk from one-third of the length of the interior border; a submarginal chalybeated band; a reddish tinge along the exterior part of the costa and along the fore part of the exterior border, which has a black line and is not oblique. Hind wings æneous. Length of the body 3 lines; of the wings 7 lines.

a. Ega. From Mr. Bates' collection.

293. GELECHIA LIBERATELLA.

Fœm. *Æneo-cinerea, crassa; palpi robusti, nigricante varice; antennæ basi incrassata; tibiæ pilosæ; alæ anticae fuscae conspersæ, fascia puncta dua nigricantia includente punctisque marginalibus fuscis, punctis duobus discalibus exterioribus nigricantibus.*

Female. Cinereous, very stout, tinged with æneous. Palpi stout, partly blackish, much longer than the breadth of the head; third joint lanceolate, shorter than the second. Antennæ smooth, shorter than the fore wings; first joint incrassated. Legs stout; tibiæ with three short hairs. Fore wings narrow, hardly acute, speckled with brown; a brown band before the middle, concave on the outer side, diffuse on the inner side, containing two blackish points; two blackish points in the exterior disk; marginal point dark brown, not concise; exterior border extremely oblique. Length of the body 3 lines; of the wings 8 lines.

a. Ega. From Mr. Bates' collection.

294. GELECHIA SEPARATELLA.

Mas. *Aurato-flava, subtus argentea; pedes pallidi, unicolores; alæ anticae latiusculæ, lineis duabus auratis transversis subrectis punctularibus, 1a abbreviata, 2a subobliqua, punctis duobus posticis auratis; posticæ albidæ.*

Male. Gilded yellow, slender. Head in front and under side silvery. Palpi much longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ very slender, much shorter than the fore wings. Legs slender, wholly pale.

Fore wings rather broad, slightly acute, with two transverse nearly straight gilded lines, which are composed of contiguous points; first line beyond the middle, abbreviated at each end; second slightly oblique, extending from the costa to the interior angle; two small gilded points near the interior border between the two lines; exterior border slightly convex and oblique. Hind wings narrow, whitish, shining. Length of the body 2 lines; of the wings 5 lines.

Eggs. From Mr. Bates' collection.

295. GELECHIA FALCATELLA.

Fem. *Chalybeo-nigra, subtus argentea; pedes supra nigricantes, argenteo fasciati; alæ anticæ longæ, angustæ, falcatæ, punctis duobus costalibus argenteis.*

Female. Chalybeous-black, slender. Head in front and under side silvery. Palpi about twice longer than the breadth of the head; third joint a little longer than the second. Antennæ much shorter than the fore wings. Legs very slender; tibiæ and tarsi blackish; tips of the former and of the joints of the latter silvery. Wings long, narrow. Fore wings falcate, acute, with two silvery costal points, one at three-fifths of the length, the other at four-fifths. Hind wings dark cupreous. Length of the body 3 lines; of the wings 8 lines.

Eggs. From Mr. Bates' collection.

296. GELECHIA EXTREMELLA.

Fem. *Obscure cupreo-fusca, subtus argentea; pedes supra cuprei, argenteo fasciati; alæ anticæ falcatæ, striga obliqua sub-apicali argentea, puncto apicali fimbriaque albis.*

Female. Dark cupreous-brown. Head in front and under side silvery white. Palpi twice longer than the breadth of the head; second joint slightly fringed, black at the tip; third very slender, as long as the second. Antennæ slender, much shorter than the fore wings. Tibiæ and tarsi dark cupreous above; tips of the tibiæ and of the joints of the tarsi silvery. Fore wings falcate, moderately broad, with a slender silvery streak, which extends from three-fourths of the length of the costa to the fore end of the exterior border; a white point at the tip of the costa; fringe white; exterior border slightly convex and oblique. Hind wings very narrow; fringe long. Length of the body 2 lines; of the wings 5 lines.

Eggs. From Mr. Bates' collection.

297. GELECHIA SUCCINCTELLA.

Fœm. *Obscure cupreo-fusca, subtus argentea; palporum articulus basalis niger; pedes supra nigricantes, argenteo fasciatis; alæ latæ, fimbria alba; anticæ purpurascente suffusæ, marginis exterioris albo.*

Female. Dark cupreous-brown. Head in front and under side silvery. Palpi twice longer than the breadth of the head; third joint setiform, black at the base, a little shorter than the second. Tibiæ and tarsi blackish above; tips of the former and of the joints of the latter silvery. Wings broad. Fore wings rounded at the tips, purplish tinged; exterior border and fringe white; exterior border not oblique. Hind wings more cupreous; fringe mostly white towards the tips; costa whitish, except towards the tip. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

298. GELECHIA SOLELLA.

Mas. *Pallide ochracea, subtus argenteo-ochracea; antennæ pubescentes; alæ anticæ latiusculæ, strigis obscurioribus, strigibus basali nigricante; posticæ obscure cinereæ.*

Male. Pale ochraceous, rather stout. Head in front and under side with a silvery tinge. Palpi much longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ minutely pubescent. Legs smooth, rather stout; spurs very long. Fore wings rather broad, rounded at the tips, longitudinally and irregularly streaked with darker ochraceous; a slight blackish streak extending from the base along one-fourth of the length of the disk; exterior border slightly convex, hardly oblique. Hind wings dark cinereous. Length of the body 3 lines; of the wings 7 lines.

a. Ega. From Mr. Bates' collection.

299. GELECHIA SEMOTELLA.

Mas. *Pallide ochracea, subtus argenteo-ochracea; pedes pallidi, concolores; alæ anticæ latiusculæ, costa basi, puncto costali spatique marginali purpureo-æneis; posticæ æneo-cinereæ.*

Female. Pale gilded yellow. Head in front and under side silvery. Palpi rather stout, nearly twice longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ

much shorter than the fore wings. Legs slender, wholly pale. Fore wings rather broad, hardly acute; costa at the base and rather less than one-fourth of the surface from the exterior border purplish æneous; a point on the costa of the same hue at two-thirds of the length; exterior border hardly oblique. Hind wings æneous-cinereous. Length of the body 2 lines; of the wings 5 lines.

a. Ega. From Mr. Bates' collection.

300. GELECHIA INTENTELLA.

Fœm. Aurato-ochracea, subtilius argentea; palporum articulus 2us apice fimbriatus; abdomen nigricans; pedes argentei, nigricante fasciati; alæ anticæ fasciis quatuor purpurascens, 1a 3aque interruptis, 2a antice furcata, 3a 4aque connexis, punctis marginalibus nigris.

Female. Gilded ochraceous. Head in front and under side silvery. Palpi thrice longer than the breadth of the head; second joint fringed above towards the tip; third setiform, nearly as long as the first. Antennæ slender, much shorter than the fore wings. Abdomen and hind wings blackish. Legs silvery; tibiæ with two blackish bands; joints of the tarsi blackish towards the base. Fore wings moderately broad, slightly acute, with four irregular purplish bands; first and third bands interrupted; first basal; second forked in front; fourth connected on the interior border with the third; a row of black points along the apical part of the costa and along the exterior border, which is slightly convex and oblique. Length of the body 3 lines; of the wings 7 lines.

a, b. Ega. From Mr. Bates' collection.

Madeira Isles.

301. GELECHIA PULCHRA.

pulchra, Wltn.

Dezerta Grande.

302. GELECHIA NIGROMACULATA.

nigromaculata, Wltn.

Madeira and Southern Dezerta.

303. GELECHIA PORTOSANCTANA,

Portosanciana, *Sta.*

Porto Santo.

304. GELECHIA SUBMISSELLA.

submissella, *Sta.*

Porto Santo.

305. GELECHIA OCELLATELLA.

ocellatella, *Sta.*

Porto Santo.

306. GELECHIA FASCIATA.

fasciata, *Sta.*

Dezerta Grande.

307. GELECHIA ELACHISTELLA.

elachistella, *Sta.*

Northern Dezerta.

South Africa.

308. GELECHIA RESCISSELLA.

rescissella, *Zl.*

Natal.

309. GELECHIA ZETTERSTEDTIELLA.

Zetterstedtiella, *Zl.*

Natal.

310. GELECHIA EXTERNELLA.

Nothris externella, *Zl.*

South Africa.

311. GELECHIA SEPTELLA.

Nothris septella, *Zl.*

South Africa.

312. GELECHIA TRIGELLA.

Brachmia trigella, *Zl.*

South Africa.

313. GELECHIA SUBSECIVELLA.

Brachmia subsecivella, Zl.

South Africa.

314. GELECHIA ABJUNCTELLA.

Mas. *Nigro-cinerea*, *subtus argenteo-cinerea*; *antennæ vix serratæ*; *alæ antica nigro punctatæ*; *cinereo conspersæ*, *spatio marginali cinereo*; *posticæ pallide cinereæ*.

Male. Blackish cinereous. Head in front and under side silvery cinereous. Palpi very much longer than the breadth of the head; second joint squamous, rather broad; third setiform, nearly as long as the second. Antennæ hardly serrated, much shorter than the fore wings. Abdomen silvery cinereous. Legs rather stout. Wings narrow; fringe very long. Fore wings slightly rounded at the tips, with a few black points and with some cinereous speckles, wholly cinereous along the exterior border; exterior border very oblique. Hind wings pale cinereous, shining; fringe with an aeneous tinge. Length of the body 3 lines; of the wings 8 lines.

a, b. Cape. From M. Dregé's collection,

South Asia.

315. GELECHIA? HIBISCI.

hibisci, Atkinson, Sta.

Calcutta.

316. GELECHIA? PUBESCENTELLA.

pubescentella, Sta.

Calcutta.

317. GELECHIA SIMPLICIELLA.

simpliciella, Sta.

Calcutta.

318. GELECHIA MARGINIPUNCTELLA.

marginipunctella, Sta.

Calcutta.

319. GELECHIA TRANSACTELLA.

Fœm. *Cervina*; *alæ anticae longæ, sat angustæ, fusco conspersæ, guttis duabus discalibus fuscis.*

Female. Fawn-colour. Palpi much longer than the breadth of the head; third joint setiform, as long as the second. Antennæ slender, very much shorter than the fore wings. Fore wings long, rather narrow, speckled with brown; two brown dots in the disk, one at one-third of the length, the other at two-thirds of the length; exterior border extremely oblique. Length of the body 5? lines; of the wings 14 lines.

a. South Hindostan. Presented by M. J. Walhouse, Esq.

320. GELECHIA RETRACTELLA.

Mas. *Cinerea, fusco conspersa; palpi fusco fasciati; antennæ vix serratæ; alæ anticae guttis duabus discalibus nigricantibus; posticæ pallide cinereæ.*

Male. Cinereous, very thickly speckled with brown. Palpi cinereous, with brown bands, about twice longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ hardly serrated, very much shorter than the fore wings. Abdomen and hind wings pale cinereous. Fore wings moderately broad, slightly rounded at the tips, with two round blackish dots, one before the middle, one beyond the middle; exterior border extremely oblique. Length of the body 3 lines; of the wings 7 lines.

a. China. Presented by G. T. Laye, Esq.

321. GELECHIA SEPOSITELLA.

Mas. *Cinerea; caput pallide flavum; palpi nigro varii; antennæ subserratæ; pedes supra æneo-fusci, pallido fasciati, tibiis posticis fimbriatis; alæ anticae nigro conspersæ, guttis quatuor discalibus punctisque marginalibus nigris; posticæ pallide æneo-cinereæ.*

Male. Cinereous. Head and fore part of the thorax pale yellow. Palpi pale yellow, partly black, much longer than the breadth of the head; second joint squamous; third setiform, as long as the second. Antennæ minutely serrated, much shorter than the fore wings. Hind tibiæ fringed; anterior tibiæ and tarsi æneous-brown above; tibiæ with a pale band and with pale tips;

joints of the tarsi with pale tips. Wings long, rather narrow; fringe long. Fore wings acute, black-speckled, with four black dots; first dot near the base; second and third in the disk before the middle; third nearer the costa than the second, and further from the base; fourth in the exterior disk; a row of black points extending along the apical part of the costa and along the fore part of the exterior border, which is extremely oblique. Hind wings paleaneous-cinereous. Length of the body 4 lines; of the wings 12 lines.

a—c. Ceylon. From M. Nietner's collection.

322. GELECHIA NEGATELLA.

Mas. Cinerea; palpi flexi, capitis latitudine plus duplo longiores; pedes postici longi, robusti, tibiis subfimbriatis; alæ anticæ apice rotundatæ, dimidio exteriori obscuriore, guttis duabus discalibus plagisque duabus liturisque quatuor marginalibus nigris, linea exteriori nigra flexa cinereo pallido marginata; posticæ pallide cinereæ.

Male. Cinereous. Palpi bent, more than twice longer than the breadth of the head; second joint black on the outer side, except at the tip; third lanceolate, as long as the second and much more slender. Antennæ long, stout. Abdomen extending rather beyond the hind wings. Hind legs long, stout; their tibiæ slightly fringed. Fore wings rounded at the tips; exterior half dark cinereous; a black patch at the base; a larger black patch before the middle, abbreviated and indented towards the interior border; two exterior black discal dots placed transversely, and a more exterior deeply bent black line, which is bordered with pale cinereous on the outer side; four small elongated black marks on the exterior border; under side blackish cinereous. Hind wings pale cinereous. Length of the body 3 lines; of the wings 9 lines.

a, b. Ceylon. Presented by Dr. Templeton.

323. GELECHIA DEDUCTELLA.

Fœm. Fusca; palpi capitis latitudine duplo longiores; pectus et abdomen cinerea; alæ anticæ apice rotundatæ; posticæ cinereæ.

Female. Brown. Palpi, antennæ, pectus, abdomen, legs and hind wings cinereous. Palpi slightly curved, full twice longer than the breadth of the head; third joint a little longer than the second. Antennæ shorter than the fore wings. Abdomen extending rather

beyond the hind wings. Fore wings without markings, rounded at the tips; exterior border almost straight, slightly oblique. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Ceylon. Presented by Dr. Templeton.

324. GELECHIA AFFIXELLA.

Fœm. Cervina; pedes longi; alæ anticæ acutæ, margine exteriori recto vix obliquo; posticæ vix pallidiores.

Female. Fawn-colour, paler beneath. Palpi full twice longer than the breadth of the head; third joint very slender, as long as the second. Antennæ slender, much shorter than the fore wings. Legs smooth, long, slender; spurs very long. Wings long, moderately broad. Fore wings acute; exterior border straight, hardly oblique. Hind wings hardly paler than the fore wings. Length of the body 5 lines; of the wings 12 lines.

a, b. Ceylon. Presented by Dr. Templeton.

325. GELECHIA STRENUELLA.

Fœm. Cervina, robusta; pedes breviusculi; alæ anticæ subacutæ punctis quatuor discalibus nigris, costa apicali margineque exteriori nigro punctatis; posticæ cinereæ.

Female. Fawn-colour, robust, cinereous beneath. Palpi full twice longer than the breadth of the head; second joint rather broad; third setiform, a little shorter than the second. Antennæ slender, much shorter than the fore wings. Legs smooth, rather short and slender. Wings moderately broad; fringe rather long. Fore wings slightly acute, with four black points at the disk, two before the middle, the other two beyond the middle, the third and fourth behind the first and second; some black points along the apical part of the costa and along the exterior border, which is straight and moderately oblique. Hind wings cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Ceylon. Presented by Dr. Templeton.

326. GELECHIA CORNUTELLA.

Mas. Cinereo-cervina; antennæ glabræ, sat robustæ; pedes longiusculi; alæ anticæ longæ, angustæ, margine exteriori perobliquo; posticæ albido-cinereæ.

Male. Cinereous fawn-colour, slender, paler beneath. Palpi more than twice longer than the breadth of the head; third joint

slender, as long as the second. Antennæ smooth, rather thick, shorter than the fore wings. Legs rather long. Wings long, narrow, shining. Fore wings somewhat rounded at the tips; exterior border extremely oblique. Hind wings whitish cinereous. Length of the body 3 lines; of the wings 8 lines.

a. Ceylon. Presented by Dr. Templeton.

327. GELECHIA TETRASPILLELLA.

Mas. Pallidissime cervina; palporum articulus 2us apice subfasciculatus; pedes breviusculi, sat robusti; alæ anticæ punctis duobus discalibus nigricantibus.

Male. Very pale fawn-colour. Palpi more than twice longer than the breadth of the head; second joint very long, slightly tufted above at the tip; third joint slender, setiform, not more than half the length of the second. Antennæ smooth, much shorter than the fore wings. Legs smooth, rather short and stout. Wings moderately broad. Fore wings slightly rounded at the tips, with two blackish points in the disk; first point before the middle, a little nearer the costa than the second, which is beyond the middle. Hind wings a little paler than the fore wings. Length of the body 3 lines; of the wings 8 lines.

a. Ceylon. Presented by Dr. Templeton.

328. GELECHIA AGNATELLA.

Fœm. Cinereo-fusca; alæ anticæ vix acutæ, lineis obscurioribus obliquis parallelis, spatio marginali consperso non lineato; posticæ cinereæ.

Female. Cinereous-brown, cinereous beneath. Palpi twice longer than the breadth of the head; third slender, a little shorter than the second. Antennæ slender, much shorter than the fore wings. Legs smooth, slender. Wings moderately broad. Fore wings hardly acute, with many oblique parallel darker lines; marginal space speckled, without lines; exterior border convex, slightly oblique. Hind wings cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a, b. Ceylon. Presented by Dr. Templeton.

329. GELECHIA AMICELLA.

Mas. *Cinereo-cervina* ; *pedes breviusculi, sat graciles, tarsi æneifasciatis* ; *alæ anticæ macula magna postica strigaeque exteriori discali transversa nigris cinereo marginatis, fascia exteriori nigricante intus diffusa extus subundulata cinereo marginata.*

Male. Cinereous fawn-colour, slender. Palpi more than twice longer than the breadth of the head ; third joint very slender, longer than the second. Legs smooth, rather short and slender ; tarsi with æneous bands. Wings narrow. Fore wings acute, with a large black cinereous-bordered spot on the interior border before the middle, and a short transverse streak of the same hue in the disk at two-thirds of the length ; a blackish exterior band, which extends diffusedly to the streak on the inner side, and is bordered by a slightly undulating cinereous line on the outer side ; exterior border very oblique. Length of the body $2\frac{1}{2}$ lines ; of the wings 7 lines.

a, b. Ceylon. Presented by Dr. Templeton.

330. GELECHIA ALIENELLA.

Mas. *Pallide cinereo-cervina* ; *antennæ robustæ ; pedes longiusculi, sat validi* ; *alæ anticæ punctis duobus discalibus nigricantibus, costa margineque exteriori fusco conspersis ; posticæ cinereæ.*

Male. Pale cinereous fawn-colour. Palpi longer than twice the breadth of the head ; third joint setiform, rather stout, much shorter than the second. Antennæ stout, much shorter than the fore wings. Legs smooth, rather long and stout. Wings moderately broad ; fringe long. Fore wings slightly acute, speckled with brown along the costa and along the exterior border ; two blackish points in the disk, one before the middle, the other beyond the middle ; exterior border very oblique. Hind wings cinereous. Length of the body 2 lines ; of the wings $5\frac{1}{2}$ lines.

a, b. Ceylon. Presented by Dr. Templeton.

331. GELECHIA IMMERITELLA.

Æneo-cervina, subtus argenteo-cinerea ; *alæ anticæ punctis quinque costalibus elongatis obliquis albidis, 3a 4a 5aque approximatis ; posticæ pallidiores.*

Æneous fawn-colour. Head in front and under side silvery cinereous. Palpi of the usual structure, more than twice longer than the breadth of the head; third joint almost as long as the second. Legs smooth, slender. Wings rather narrow. Fore wings slightly acute, with five whitish oblique elongated costal points; first point before the middle; second beyond the middle; third, fourth and fifth approximate, near the tip; exterior border slightly convex, rather oblique. Hind wings paler. Length of the body 2 lines; of the wings 5 lines.

a. Ceylon. Presented by Dr. Templeton.

332. GELECHIA ABOTELLA.

Mas. *Pallide cinereo-cervina; antennæ validæ; pedes breviusculi, sat graciles; alæ angustæ, attenuatæ, acutæ, fimbria longissima; posticæ cinereæ.*

Male. Pale cinereous fawn-colour, slender. Palpi smooth, nearly twice longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ stout. Legs smooth, rather short and slender. Wings long, narrow; fringe very long. Fore wings acute, tapering from the interior angle to the tips; exterior border extremely oblique. Hind wings cinereous. Length of the body 2 lines; of the wings 5 lines.

a. Ceylon. Presented by Dr. Templeton.

333. GELECHIA PATULELLA.

Mas. *Cana, crassa; palpi robusti, articulo 2o subtus fimbriato, 3o fasciis tribus nigricantibus; pedes breves, validi; alæ anticæ fuscescente subconspersæ, strigis nonnullis cinereis, puncto basali, striga discali punctisque duobus apud angulum anteriorem nigricantibus.*

Male. Hoary, very stout. Palpi stout, much longer than the breadth of the head; second joint fringed beneath; third setiform, with three blackish bands, as long as the second. Antennæ smooth, rather stout, much shorter than the fore wings. Legs smooth, short, stout. Wings rather narrow, slightly acute. Fore wings minutely and indistinctly brownish-speckled, with a few slight irregular cinereous streaks, with a blackish point near the base, with a blackish streak in the disk, and with two blackish points near the interior angle; exterior border extremely oblique. Length of the body 3 lines; of the wings 7 lines.

a. Ceylon. Presented by Dr. Templeton.

334. GELECHIA APTATELLA.

Mas. *Cervina, subtus argenteo-cinerea; palpi lati, articulo squamoso, 3o lanceolato; antennæ sat robustæ; pedes validi, tibiis tarsisque nigricante fasciatis, tibiis posticis subfimbriatis; alæ posticæ cinereæ.*

Male. Fawn-colour, silvery cinereous beneath. Palpi broad, much longer than the breadth of the head; second joint squamose beneath; third lanceolate, a little more than half the length of the second. Antennæ smooth, rather stout, much shorter than the fore wings. Legs rather stout; hind tibiæ slightly fringed; tibiæ and tarsi with blackish bands. Wings rather narrow; fringe moderately long. Fore wings slightly rounded at the tips; exterior border extremely oblique. Hind wings cinereous. Length of the body 3—3½ lines; of the wings 8—9 lines.

a, b. Ceylon. Presented by Dr. Templeton.

335. GELECHIA EUOERELLA.

Mas. *Cupreo-cervina, subtus argenteo-cinerea; antennæ longæ, robustæ, setosæ; pedes longiusculi, sat graciles; alæ anticæ longæ, angustæ, acutæ, striga costali exteriori cinerea; posticæ obscure cinereæ.*

Male. Cupreous fawn-colour, silvery cinereous beneath. Palpi smooth, more than twice longer than the breadth of the head; third joint very slender, as long as the second. Antennæ long, stout, setose, shorter than the fore wings. Legs smooth, rather long and slender. Wings long, narrow; fringe moderately long. Fore wings acute, with a cinereous costal streak at a little before three-fourths of the length; exterior border extremely oblique. Hind wings dark cinereous. Length of the body 3 lines; of the wings 10 lines.

a. Ceylon. Presented by Dr. Templeton.

336. GELECHIA ALBATELLA.

Albida; pedes graciles, breviusculi; alæ anticæ sat angustæ, subacutæ, cervino conspersæ.

Whitish, shining, slender. Palpi smooth, slender, more than twice longer than the breadth of the head; third joint setiform, hardly half the length of the second. Antennæ smooth, slender.

very much shorter than the fore wings. Legs smooth, slender, rather short. Wings rather narrow. Fore wings slightly acute, speckled with fawn-colour; exterior border extremely oblique. Length of the body 2 lines; of the wings 6 lines.

Ceylon. Presented by Dr. Templeton.

337. GELECHIA ANGUSTELLA.

Fœm. *Albida; caput subtus fuscescens; palpi capitis latitudine paullo longiores, articulo 3o lanceolato; alæ anticæ angustæ, acutæ, æneo strigatæ.*

Female. Whitish, smooth, shining. Head brownish beneath. Palpi smooth, slender, a little longer than the breadth of the head; third joint lanceolate, shorter than the second. Antennæ slender, each shorter than the fore wings. Abdomen attenuated. Fore wings narrow, acute, with some æneous streaks, two of which are larger than the others; of these one extends obliquely outward from the exterior costa, and the other is along the apical part of the costa; exterior border extremely oblique. Length of the body 3 lines; of the wings 5 lines.

Ceylon. Presented by Dr. Templeton.

338. GELECHIA IMPACTELLA.

Mac. *Obscure cuprea, subtus albida; abdomen luteum, basi apiceque cupreum; alæ anticæ angustæ, acutæ, lituris duabus posticis, una discali unaque costali exteriore albidis.*

Male. Dark cupreous, slender, whitish beneath. Palpi slender, much longer than the breadth of the head; third joint setiform, a little shorter than the second. Antennæ smooth, rather stout. Abdomen luteous, dark cupreous towards the base and towards the tip. Wings narrow, acute; fringe long. Fore wings with a whitish streak along the base of the interior border, and with three whitish elongated spots; first spot in the disk before the middle; second on the interior border beyond the middle; third costal, nearer the tip; exterior border very oblique. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

S. North Hindostan. From Mr. James' collection.

This species appears to have some affinity to the *Ægeriidae*.

Borneo.

339. GELECHIA CONTENTELLA.

Mas. *Schistacea*; palpi capitis latitudine duplo longiores, articulo 2o subfimbriato; antennæ alis anticis multo breviores; pedes sat validi, tibiis posticis pubescentibus; alæ anticæ latiusculæ, acutæ, punctis duobus discalibus lineaque exteriori recte reflexa nigricantibus, striga costali subapicali cervina, punctis marginalibus nigris; posticæ fusco-cinereæ.

Male. Slaty cinereous. Palpi smooth, slender, curved, ascending, twice longer than the breadth of the head; second joint slightly fringed above; third as long as the second. Antennæ slender, much shorter than the fore wings. Abdomen extending beyond the hind wings. Legs rather stout; hind tibiæ pubescent. Wings rather broad. Fore wings acute, with two blackish discal points, one behind the other; a blackish straight exterior line, which is reflexed on the costa; a fawn-coloured streak along the apical part of the costa; marginal points black; fringe brownish cinereous; exterior border straight, moderately oblique. Hind wings brownish cinereous. Length of the body 3 lines; of the wings 8 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

340. GELECHIA GAMMANELLA.

Obscure cuprea, subtus subargenteo-cinerea; palpi capitis latitudine duplo longiores; alæ anticæ apice rotundatæ, macula exteriori flava costali trigona strigulam emittente.

Dark cupreous. Body beneath, palpi and legs pale cinereous, slightly silvery. Palpi smooth, curved, twice longer than the breadth of the head; third joint setiform, shorter than the second. Wings moderately broad, slightly cinereous beneath. Fore wings rounded at the tips; a yellow costal triangular spot at three-fourths of the length, emitting a slight streak to the disk; exterior border convex, very oblique. Length of the body 2½ lines; of the wings 5½ lines.

Sarawak, Borneo. In Mr. Saunders' collection.

341. GELECHIA MERCURIELLA.

Fœm. *Cuprea*; corpus *subtus argenteum*; palpi *argentei, arcuati, gracillimi, capitis latitudine plus duplo longiores*; antennæ *gracillimæ, alis anticis paullo breviores*; alæ *anticæ perangustæ, argenteo punctatæ, fimbria longissima.*

Female. Cupreous, slender. Body silvery beneath. Palpi silvery, smooth, curved, very slender, more than twice longer than the breadth of the head; third joint shorter than the second. Antennæ very slender, a little shorter than the fore wings. Legs with silvery bands. Wings very narrow; fringe extremely long. Fore wings with about twelve silvery points. Hind wings lanceolate; fringe four times longer than the breadth of the wing. Length of the body $1\frac{1}{2}$ line; of the wings 4 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

342. GELECHIA ARIDELLA.

Fœm. *Pallide testacea*; palpi *arcuati, nigricante fasciati, capitis latitudine duplo longiores*; antennæ *subsetulosæ*; alæ *anticæ perangustæ, apice subrotundatæ, fasciis duabus indeterminatis pallide schistaceis, punctis nonnullis nigris*; posticæ *cinereæ.*

Female. Pale testaceous, slender, smooth, shining, slightly silvery. Palpi smooth, slender, curved, with blackish bands, full twice longer than the breadth of the head; third joint a little longer than the second. Antennæ minutely setulose, a little shorter than the fore wings. Wings very narrow; fringe long. Fore wings slightly rounded at the tips, with two irregular pale slate-coloured bands, which are accompanied by a few black points; fringe and hind wings cinereous. Length of the body 2 lines; of the wings $4\frac{1}{4}$ lines.

Sarawak, Borneo. In Mr. Saunders' collection.

343. GELECHIA SUBSERVITELLA.

Mas. *Pallide flavescens*; palpi *capitis latitudine duplo longiores*; antennæ *alis anticis breviores*; alæ *anticæ punctis duobus discalibus nigricantibus*; posticæ *cinereæ.*

Male. Pale yellowish. Palpi smooth, slender, curved, ascending, full twice longer than the breadth of the head; third joint shorter than the second. Antennæ smooth, slender, rather shorter than the fore wings. Abdomen extending beyond the hind wings. Fore wings moderately broad, with two blackish discal points, one before the middle, the other beyond the middle; costa and exterior border straight, the latter rather oblique. Hind wings cinereous. Length of the body 2 lines; of the wings 5 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

344. GELECHIA PILOSELLA.

Mas. *Fusca, pilosa, sat robusta; palpi capitis latitudine plus duplo longiores, articulo 1o dense fimbriato, 2o apice subfasciculato; antennæ gracillimæ, alis anticis vix breviores; pedes validi; alæ anticæ cinereo conspersæ, purpureo subinctæ, apice subrotundatæ, strigis exterioribus nigris, strigis obliquis marginalibus albidis; posticæ cupreo-fuscæ.*

Male. Brown, pilose, rather stout, cinereous beneath. Palpi ascending, slightly curved, more than twice longer than the breadth of the head; first joint densely fringed; second slightly tufted at the tip; third setiform, shorter than the second. Antennæ very slender, nearly as long as the fore wings. Abdomen cinereous, extending much beyond the hind wings; apical tuft long, slightly compressed. Legs stout, smooth. Wings narrow. Fore wings slightly rounded at the tips, speckled with cinereous, slightly tinged with purple; exterior part with some black longitudinal streaks, and with whitish oblique outwardly converging streaks along the costa and along the interior border; exterior border extremely oblique. Hind wings cupreous-brown. Length of the body 4 lines; of the wings 8 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

345. GELECHIA SUBLECTELLA.

Mas. *Subochracea; palpi capitis latitudine plus duplo longiores, articulo 2o densissime fimbriato; antennæ alis anticis paullo breviores; alæ anticæ acutæ, sat angustæ, nigro punctatæ, fasciis duabus indeterminatis nigricantibus; posticæ cinereæ.*

Male. Dull ochraceous. Abdomen and under side cinereous. Palpi more than twice longer than the breadth of the head; second joint very densely tufted; third extremely slender, longer than the second. Antennæ slender, a little shorter than the fore wings. Abdomen long; apical tuft small. Wings rather narrow. Fore wings acute, with several black points, which are mostly on the costa; two irregular blackish bands, one near the base, the other exterior; exterior border very oblique. Hind wings cinereous. Length of the body $2\frac{1}{4}$ lines; of the wings 5 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

346. GELECHIA TRANSVERSELLA.

Fœm. *Cinerea, robusta; palporum articulus 2us subtus dense fimbriatus; pedes breviusculi, sat robusti; alæ anticæ lineis plurimis transversis guttularibus fuscis.*

Female. Cinereous, stout. Palpi much longer than the breadth of the head; second joint thickly fringed beneath; third setiform, as long as the second. Legs smooth, rather short and stout. Wings moderately broad. Fore wings hardly acute, with numerous brown dots, which form transverse lines, and are here and there transversely connected; exterior border convex, very oblique. Length of the body $4\frac{1}{2}$ lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

347. GELECHIA ? INVARIELLA.

Mas. *Cinereo-ænea; palpi capitis latitudine multo longiores; antennæ alis anticis vix breviores; tibiæ posticæ fimbriatæ; alæ anticæ latiusculæ, vix acutæ, litura costali exteriori parva obliqua albida, fimbria basi cinereo lineata, margine exteriori antico subexcavato.*

Male. Cinereous-æneous. Palpi smooth, much longer than the breadth of the head; third joint setiform, less curved and not shorter than the second. Antennæ slender, nearly as long as the fore wings. Abdomen with a large apical tuft. Hind tibiæ fringed. Wings rather broad. Fore wings hardly acute, with a minute oblique whitish mark on the costa at three-fourths of the length; a pale cinereous line on the base of the fringe; costa nearly straight; exterior border not oblique, slightly excavated in front. Length of the body 3 lines; of the wings 8 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

348. GELECHIA? BIFERRINELLA.

Fœm. *Chalybæa*; palpi gracillimi, articulo 2o flavescente; antennæ alis anticis non breviores; tibiæ apice nigricantes; tarsi nigricante-fasciati; alæ anticæ apice rotundatæ, linea interiori transversa fasciæque lata strigam chalybæam includentem ferrugineis, lineis intermediis nigris, margine exteriori vix excavato; posticæ æneæ.

Female. Chalybeous. Palpi smooth, very slender, more than twice longer than the breadth of the head; second joint yellowish, third setiform, as long as the second. Antennæ slender, as long as the fore wings. Abdomen with a small cinereous apical tuft. Legs smooth, slender, yellowish; tips of the tibiæ blackish; tarsi with blackish bands. Wings moderately broad. Fore wings rounded at the tips, with a ferruginous transverse interior line and a broad ferruginous band, which is narrower hindward and extends nearly to the border, and includes a longitudinal subcostal chalybeous streak; these two hues are divided from each other by black lines; fringe pale ferruginous towards the base; exterior border very slightly oblique, hardly excavated. Hind wings æneous. Length of the body 3 lines; of the wings 8 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

349. GELECHIA CALCARATELLA.

Mas. *Cuprea*, gracilis, subtus argentea; antennæ vix crenulatæ, pedes longi, robusti, calcaribus basi setoso fasciculatis; alæ anticæ angustæ, lineis duabus transversis argenteis, 2a angulata et interrupta.

Male. Cupreous, slender, silvery beneath. Antennæ slender, indistinctly crenulated, much shorter than the fore wings. Legs smooth, long, stout; spurs very long and stout, accompanied by some bristles. Wings narrow, slightly rounded at the tips. Fore wings with two transverse silvery lines; first line entire, at one-third of the length of the wing; second at two-thirds of the length, bent inward, interrupted in the middle; exterior border extremely oblique. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Australia.

350. *GELBOHIA SICHELLA*.

Canis; palpi fuscescente fasciati, capitis latitudine fere duplo longiores; alæ anticæ fusco conspersæ, sat angustæ, subacutæ, guttis quatuor discalibus punctisque marginalibus nigris; posticæ fusco-cinereæ.

Hoary. Palpi smooth, slightly curved, nearly twice longer than the breadth of the head; second joint with a brownish band on the outer side; third setiform, shorter than the second. Antennæ slender, much shorter than the fore wings. Thorax and fore wings speckled with brown. Fore wings rather narrow, slightly acute, with four black discal dots, and with black points along the exterior border and along the apical part of the costa; exterior border extremely oblique. Hind wings brownish cinereous; fringe long, cinereous. Length of the body 4 lines; of the wings 10 lines.

Sydney. From Mr. Lambert's collection.

351. *GELBOHIA ARRECTELLA*.

Mas. *Nigra*; caput, palpi et thoracis tegulæ alba; antennæ testaceæ, basi nigrae; pedes albo fasciati, tibiis posticis pilosis; alæ anticæ albo quinque maculatæ; posticæ æneæ.

Male. Black. Head, palpi and tegulæ of the thorax white. Palpi smooth, slender, twice longer than the breadth of the head; third joint setiform, as long as the second. Antennæ testaceous, smooth, slender, black at the base, much shorter than the fore wings. Abdomen testaceous. Legs stout; fore tibiæ above and fore tarsi whitish; posterior tibiæ with a white band; hind tibiæ pilose; posterior tarsi silvery, with a black band. Wings narrow, slightly rounded at the tips; fringe very long. Fore wings with five white spots; first, second and third spots on the costa; fourth and fifth on the interior border, opposite the first and the second; exterior border extremely oblique. Hind wings æneous. Length of the body 3 lines; of the wings 10 lines.

This species is somewhat allied to *Ecophora*.

a. Moreton Bay. From Mr. Diggles' collection.

352. GELECHIA BIGERELLA.

Fœm. *Alba ; palpi apice nigricantes, capitis latitudine longiores ; abdomen cinereum ; alæ anticæ angustæ, obscure cupreæ, apice rotundatæ, fasciis tribus albis, 2a 3aque interruptis.*

Female. White. Palpi smooth, slender, curved, blackish towards the tips, longer than the breadth of the head ; third joint setiform, as long as the second. Antennæ very much shorter than the fore wings. Abdomen cinereous, extending much beyond the hind wings. Wings narrow, dark cupreous ; fringe very long. Fore wings rounded at the tips, with three white bands ; first band continued along the interior border to the base of the wing ; second broadly interrupted in the middle ; third interrupted in the middle, dilated towards the costa ; exterior border extremely oblique. Hind wings rather paler. Length of the body $2\frac{1}{2}$ lines ; of the wings 7 lines.

a. Sydney. From Mr. Lambert's collection.

353. GELECHIA ALTERNATELLA.

Fœm. *Obscure cuprea, subtus argentea ; pedes robusti, supra cuprei, argenteo fasciati ; alæ anticæ striga lata obliqua maculaque anteriore costalibus argenteis ; posticæ æneæ.*

Female. Dark cupreous. Head in front and under side silvery. Palpi smooth, silvery, more than twice longer than the breadth of the head ; third joint blackish, except at the tip, shorter than the second. Antennæ slender, much shorter than the fore wings. Legs stout, smooth ; tibiæ and tarsi cupreous above ; tibiæ with silvery tips ; tarsi with silvery bands. Wings rather narrow, slightly rounded at the tips ; fringe very long. Fore wings with a broad silvery streak extending obliquely outward from one-fourth of the length of the costa to the disk ; a silvery spot on the costa at three-fourths of the length ; exterior border extremely oblique. Hind wings æneous. Length of the body $3\frac{1}{2}$ lines ; of the wings 9 lines.

a. Moreton Bay. From Mr. Diggles collection.

354. GELECHIA SUPPLETELLA.

Fœm. *Nigricans, subtus alba; palporum articulus 2us basi niger; thoracis latera alba; pedes supra nigricantes, albo fasciati; alæ anticæ guttis quatuor discalibus squamisque nigris, fascia basali, lituris duabus costalibus strigaeque postica interrupta albidis; posticæ æneæ.*

Female. Blackish. Head in front and under side white. Palpi white, longer than the breadth of the head; second joint black towards the base; third setiform, shorter than the second. Antennæ slender, much shorter than the fore wings. Thorax white on each side. Tibiæ and tarsi blackish above; tips of the tibiæ and of the joints of the tarsi white. Wings moderately broad; fringe long. Fore wings slightly rounded at the tips, with four black dots in the disk and with numerous black scales; a white band near the base, dilated towards the interior border, whence it is continued to the base; two white marks on the costa; a white streak near the interior border, interrupted by one of the black dots; exterior border slightly convex, moderately oblique. Hind wings æneous, whitish along the costa for more than half the length from the base. Length of the body 2 lines; of the wings 5 lines.

a. Tasmania. Presented by E. Doubleday, Esq.

355. GELECHIA SUBNEXELLA.

Mas. *Nigra, subtus alba; abdomen cinereum, apicem versus nigrum, fasciculo apicali albo; pedes supra nigri, argenteo fasciati; alæ anticæ cinereo conspersæ, gutta discali rotundata exteriore argentea; posticæ pallide cinereæ.*

Male. Black. Head in front and under side cinereous. Palpi much longer than the breadth of the head; third joint setiform, hardly shorter than the second. Antennæ stout, smooth, much shorter than the fore wings. Abdomen cinereous, blackish towards the tip; apical tuft white. Tibiæ and tarsi black above; tips of the tibiæ and of the joints of the tarsi silvery white; tibiæ with a silvery white band. Fore wings rather narrow, rounded at the tips, with some cinereous speckles, which are most apparent towards the interior border; a round silvery white dot in the disk at two-thirds of the length; exterior border extremely oblique. Hind wings pale cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a. Australia. From Mr. Damel's collection.

356. GELECHIA MARMORATELLA.

Mas. *Alba*; palpi capitis latitudine fere duplo longiores, articulus 3o nigro; thorax nigro conspersus; tibiæ anteriores nigre fasciatæ; posticæ validæ, pubescentes; alæ anticæ apice rotundatæ, fasciis tribus indeterminatis et atomis nigris; posticæ fusco-cinereæ.

Male. White. Palpi smooth, slender, curved, nearly twice longer than the breadth of the head; third joint black, setiform, as long as the second. Antennæ smooth, much shorter than the fore wings. Thorax speckled with black. Abdomen extending a little beyond the hind wings. Anterior legs with black bands; hind tibiae stout, pubescent. Fore wings rounded at the tips, speckled with black; speckles partly confluent, and thereby forming an irregular band at the base, another in the middle, and a narrower and more irregular marginal band; exterior border slightly convex, very oblique; under side brown, with a white black-streaked fringe. Hind wings brownish cinereous; fringe pale cinereous, interlined with brownish near the base. Length of the body 3 lines; of the wings 8 lines.

a. Sydney. From Mr. Lambert's collection.

357. GELECHIA SODALISELLA.

Fœm. *Cinerea*; palporum articulus 2us squamosus, 3us nigro fasciatus; tibiæ posticæ subfimbriatæ; alæ anticæ latiusculæ, ferrugineæ, nigro squamosæ, basi strigæque discali interioris transversa undulata albidis, litura discali exterioris reniformi nigra albedo marginata, punctis adhuc exterioribus albis, punctis submarginalibus nigris.

Female. Cinereous. Palpi stout, full twice longer than the breadth of the head; second joint squamous, black-speckled towards the tip; third lanceolate, with a broad black band near the tip, much shorter than the second. Antennæ much shorter than the fore wings. Legs stout; hind tibiæ slightly fringed. Wings rather broad. Fore wings ferruginous, rounded at the tips, thickly covered with black scales, which are most prevalent towards the base; the latter is whitish, and there is a whitish transverse undulating streak in the disk before the middle, and an exterior discal black reniform whitish-bordered mark, from whence a black streak proceeds towards the exterior border, where it terminates in a row of white points, beyond which there is a submarginal

row of black points; exterior border slightly convex, hardly oblique. Hind wings tinged with yellow towards the base. Length of the body 3 lines; of the wings 7 lines.

a. Moreton Bay. From Mr. Diggles' collection.

358. GELECHIA ADVECTELLA.

Fem. *Obscure cinerea; caput pallidum; palpi capitis latitudine vix longiores; antennæ alis anticis multo breviores; alæ anticæ angustæ, apice rotundatæ, punctis guttis strigulisque nigris, margine exteriori perobliquo; posticæ apices versus æneæ.*

Female. Dark cinereous. Head and palpi pale cinereous. Palpi smooth, slender, curved, nearly vertical, hardly longer than the breadth of the head; third joint setiform, hardly shorter than the second. Antennæ much shorter than the fore wings. Fore wings narrow, rounded at the tips, with several black points and dots and with a few black streaklets; exterior border extremely oblique. Hind wings tinged with æneous towards the tips; fringe very long. Length of the body 2 lines; of the wings 6 lines.

a. Moreton Bay. From Mr. Diggles' collection.

359. GELECHIA CONSTRICTELLA.

Mas. *Cupreo-nigra, subtus argentea; antennæ vix serratæ; thorax strigis duabus obliquis argenteis; pedes supra cupreo-nigri, argenteo fasciati; alæ anticæ fasciis tribus argenteis, 1a vix obliqua, 3a obliqua postice dilatata; posticæ cinereo-æneæ.*

Male. Cupreous-black. Head in front and under side silvery white. Palpi more than twice longer than the breadth of the head; third joint setiform, as long as the second. Antennæ slender, very minutely serrated, shorter than the fore wings. Thorax with a silvery white oblique stripe on each side. Tibiæ and tarsi cupreous-black above; tips of the tibiæ and of the joints of the tarsi silvery. Fore wings narrow, rounded at the tips, with three silvery white bands; first band hardly oblique; second quite upright; third oblique, contracted in the middle, dilated towards the costa; exterior border extremely oblique. Hind wings cinereous-æneous; fringe very long. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Australia. From Mr. Damel's collection.

360. GELECHIA LACTELLA.

Fœm. *Nigro-cinerea, robusta; palporum articulus 2us subpubescens; alæ anticæ strigis duabus nigris undulatis transversis nonnunquam interruptis; posticæ luteæ, nigricante marginatæ.*

Female. Blackish cinereous, stout, cinereous beneath. Palpi much longer than the breadth of the head; second joint minutely pubescent; third very slender, a little shorter than the second. Antennæ much shorter than the fore wings. Legs stout, smooth. Wings moderately broad, slightly rounded at the tips. Fore wings with two transverse undulating black streaks, which extend to the exterior border, but not to the costa, and have a black point between them; these streaks are sometimes interrupted, so that the first forms a black dot in the disk and a black spot hindward, and the second is confined to two black dots; exterior border very oblique. Hind wings luteous, with a blackish border. Length of the body $5\frac{1}{2}$ lines; of the wings 14 lines.

a. Moreton Bay. From Mr. Diggles' collection.

b. Tasmania. Presented by M. Allport, Esq.

361. GELECHIA MOESTELLA.

Mas. *Schistacea; palpi subarcuati, oblique ascendentes, capitis latitudine longiores; tibiæ posticæ fimbriatæ; alæ anticæ basi fusæ, apice rotundatæ, striga fusca postice angulata et albido marginata, striga obliqua postica lineolisque duabus punctularibus punctisque marginalibus fuscis.*

Male. Slate-colour, smooth, shining. Palpi smooth, obliquely ascending, slightly curved, longer than the breadth of the head; third joint setiform, nearly as long as the second. Antennæ slender, much shorter than the fore wings. Legs smooth; hind tibiae fringed. Wings moderately broad. Fore wings rounded at the tips, brown at the base; a brown streak extending along the costa, obtusely angular and whitish-bordered on its hind side; the whitish border contiguous to a brown oblique streak, which extends inward from the costa to the disk; two transverse discal lines, each formed by the brown points; a row of brown points along the exterior border, which is nearly straight and very oblique. Length of the body 3 lines; of the wings 10 lines.

a. Tasmania. Presented by M. Allport, Esq.

362. GELECHIA AVERSELLA.

Fœm. Cinerea; palporum articulus 3us 2o non brevior; alæ anticæ angustæ, subacutæ, nigro conspersæ et strigatæ.

Female. Cinereous. Palpi smooth, rather stout; third joint setiform, as long as the second. Antennæ slender, much shorter than the fore wings. Legs smooth. Wings narrow, slightly acute. Fore wings minutely speckled with black, varied with several black streaks; exterior border extremely oblique. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Moreton Bay. From Mr. Diggles' collection.

363. GELECHIA ABSUMPTELLA.

Mas. Pallide cinereo-cervina; palpi capitis latitudine plus duplo longiores; alæ anticæ fuscescente conspersæ, margine exteriori subobliquo; posticæ cinereæ.

Male. Pale cinereous fawn-colour, slender. Palpi smooth, more than twice longer than the breadth of the head; third joint very slender, as long as the second. Antennæ smooth. Legs slender. Wings moderately broad, hardly acute. Fore wings minutely speckled with pale brown; exterior border slightly convex and oblique. Hind wings cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Moreton Bay. From Mr. Diggles' collection.

364. GELECHIA RUBICUNDELLA.

Fœm. Rosea, subtus argenteo-cinerea; pedes robusti, nigricante fasciati; alæ sat angustæ, fimbria longissima; anticæ fasciis quinque deviis nigris, 5a valde angulata; posticæ nigricantes.

Female. Rosy red, silvery cinereous beneath. Palpi smooth, slender, twice longer than the breadth of the head; third joint setiform, as long as the second. Antennæ slender. Legs stout; tibiæ and tarsi with blackish bands. Wings rather narrow, hardly acute; fringe very long. Fore wings with five irregular black bands; fifth band composed of two oblique black streaks, which are connected in the disk and extend to the exterior border; the latter is extremely oblique. Hind wings blackish. Length of the body 3 lines; of the wings 8 lines.

a. Moreton Bay. From Mr. Diggles' collection.

365. GELECHIA XYLOPTERELLA.

Mas. *Cana, sat robusta; capitis discus cupreo-fuscus; tibiæ posticæ nigricante fasciatæ; alæ angustæ, fimbria longissima; anticæ nigro conspersæ, villa discali lata informi strigas duas latissimas ad costam emittente; posticæ æneo-cinereæ.*

Male. Hoary, rather stout. Disk of the head cupreous-brown. Palpi smooth. Antennæ smooth, much shorter than the fore wings. Legs rather stout; hind tibiæ with blackish bands above. Wings narrow, rather acute; fringe very long. Fore wings speckled with black; a broad irregular blackish stripe extending along the whole length of the disk and emitting two very broad streaks to the costa; exterior border very oblique. Hind wings æneo-cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Moreton Bay. From Mr. Diggles' collection.

366. GELECHIA SUPPRESSELLA.

Mas. *Alba, robusta; antennæ setosæ; abdomen pallidissime ochraceum; tibiæ posticæ subfimbriatæ; alæ anticæ angustæ, acutæ, punctis quatuor pallide ochraceis.*

Male. White, stout. Palpi smooth, slender, much longer than the breadth of the head; third joint nearly as long as the second. Antennæ setose, much shorter than the fore wings. Abdomen and legs slightly tinged with pale ochraceous. Hind tibiæ slightly fringed. Wings narrow, acute. Fore wings with two pale ochraceous points in the fore disk, one before the middle, the other beyond the middle; two other less distinct points in the hinder disk; costa towards the tip and exterior border pale ochraceous, the latter extremely oblique; under side dark cinereous. Hind wings pale cinereous. Length of the body 3 lines; of the wings 8 lines.

a. Moreton Bay. From Mr. Diggles' collection.

367. GELECHIA ABDUCTELLA.

Mas. *Pallidissime straminea; palpi capitis latitudine paullo longiores; antennæ subcrenulatæ; tibiæ posticæ latissime fimbriatæ; alæ anticæ apice rotundatæ; posticæ albidæ.*

Male. Very pale straw-colour. Palpi smooth, slender, curved, a little longer than the breadth of the head; third joint setiform,

shorter than the second. Antennæ minutely crenulated. Abdomen extending much beyond the hind wings. Legs stout; hind tibiae with a very long fringe. Wings moderately broad; fringe long. Fore wings rounded at the tips; costa straight; exterior border slightly convex, very oblique. Hind wings whitish. Length of the body 2 lines; of the wings $5\frac{1}{2}$ lines.

a. Moreton Bay. From Mr. Diggles' collection.

368. GELECHIA CONSUETELLA.

Mas. *Pallide ochracea, nitens; palporum articulus 2us supra fimbriatus; antennæ subpubescentes; pedes sat robusti; alæ anticæ latæ, subacutæ; posticæ pallide cinereæ.*

Male. Pale ochraceous, shining, cinereous beneath. Palpi twice longer than the breadth of the head; second joint fringed above; third joint very slender, shorter than the second. Antennæ indistinctly pubescent. Legs smooth, rather stout. Wings broad; fringe rather long. Fore wings slightly acute; exterior border very oblique. Hind wings pale cinereous. Length of the body 3 lines; of the wings 8 lines.

a. Sydney. From Mr. Diggles' collection.

New Zealand.

369. GELECHIA CONSPICUELLA.

Mas. *Nigricans, subtus cinerea; palpi nigricantes, robusti; thorax albus, antice niger; tarsi nigricante fasciati; alæ anticæ latiusculæ, vitta postica spatioque lato exteriori fusco-cinereis, fascia basali ulba postice dilatata, maculis duabus discalibus albis, linea exteriori transversa albida antice dilatata intus nigro marginata; posticæ æneo-cinereæ.*

Male. Blackish, cinereous beneath, allied to *Æcophora*. Palpi blackish, stout, much longer than the breadth of the head; third joint lanceolate, a little shorter than the second. Antennæ smooth, much shorter than the fore wings. Thorax white, except in front. Abdomen cinereous. Tarsi with blackish bands. Wings rather broad, rounded at the tips; fringe long. Fore wings brownish cinereous along the interior border (except towards the base) and on full one-third of the length from the exterior border; a white band which is dilated on the interior border to the base of the wing, and has two black spots on the outer side; a whitish transverse line

at three-fourths of the length, much dilated in front, bordered with black on the inner side; exterior border slightly convex, very oblique. Hind wings æneous-cinereous. Length of the body 3—3½ lines; of the wings 9—10 lines.

a, b. Auckland, New Zealand. From Mr. Oxley's collection.

370. GELECHIA INNOTELLA.

Mas et scem. Cinerea; palpi capitis latitudine multo longiores; antennæ maris subsetulosæ; tibiæ posticæ subfimbriatæ; alæ anticæ acutæ, fusco conspersæ, gutta fusca guttaque albide discalibus.

Male and female. Cinereous. Palpi smooth, slender, curved, much longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ of the male very minutely setulose. Hind tibiæ slightly fringed. Wings moderately broad. Fore wings acute, thickly speckled with brown; a brown dot in the disk beyond the middle in front of a whitish dot; costa straight; exterior border rather oblique. Length of the body 2½—3 lines; of the wings 8 lines.

a—g. New Zealand. Presented by Col. Bolton.

371. GELECHIA INTACTELLA.

Mas. Pallide flavescente-cinerea; caput album; palpi articulo 2o pubescente, 3o lanceolato; antennæ subcrenulatæ; pedes validi; alæ anticæ latiusculæ, vix acutæ, margine exteriori perobliquo.

Male. Pale yellowish cinereous. Head white above. Palpi slightly curved and ascending; second joint pubescent; third lanceolate, as long as the second. Antennæ very minutely crenulated. Abdomen extending somewhat beyond the hind wings. Legs stout, smooth. Wings rather broad. Fore wings hardly acute; costa straight, slightly convex towards the base; exterior border very oblique. Length of the body 3 lines; of the wings 10 lines.

a, b. New Zealand. Presented by Col. Bolton.

372. GELECHIA MONOSPILELLA.

Mas. *Cinereo-fusca; palpi capitis latitudine multo longiores; antennæ subsetulosæ; pedes sat validi; alæ anticæ latiusculæ, æneo-fuscæ, acutæ, puncto postico albido, costa subconvexa; posticæ æneo-cinereæ.*

Male. Cinereous-brown. Palpi smooth, slightly curved, much longer than the breadth of the head; third joint setiform, much shorter than the second. Antennæ minutely setulose. Abdomen cinereous, extending much beyond the hind wings. Legs smooth, rather stout. Wings rather broad. Fore wings æneous-brown, acute, with a whitish point near the interior border beyond the middle; costa very slightly convex; exterior border straight, rather oblique. Hind wings æneous-cinereous. Length of the body 3 lines; of the wings 8 lines.

a. New Zealand. Presented by Col. Bolton.

373. GELECHIA ADAPERTELLA.

Mas. *Flavo-alba; palpi vix arcuati, capitis latitudine fere duplo longiores, articulo 2o basi nigro, 3o fascia nigra; antennæ basi nigre; thorax nigro quadripunctatus; pedes subpilosi, tarsi nigro fasciatis; alæ anticæ apice rotundatæ, strigulis angulatis punctisque discalibus et marginalibus nigris; posticæ albido-cinereæ.*

Male. Yellowish white, mostly cinereous-brown beneath. Palpi vertical, very slightly curved, nearly twice longer than the breadth of the head; second joint black towards the base; third setiform, with a black band beyond the middle, much shorter than the second. Antennæ smooth, black towards the base, much shorter than the fore wings. Thorax with four black points. Abdomen extending somewhat beyond the hind wings. Legs slightly pilose; tarsi with black bands. Fore wings moderately broad, rounded at the tips, with a few obliquely ascending tufts, with a few angular black streaks and black points, and with black marginal points; exterior border very slightly oblique. Hind wings whitish cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. New Zealand. Presented by Col. Bolton.

374. GELECHIA ADREPTELLA.

Fœm. *Cinerea; caput albido-cinereum; abdomen alas postice longe superans; pedes graciles; alæ anticæ apice rotundatæ atomis punctis strigulaque discali nigris, margine exterior recto sat obliquo.*

Female. Cinereous. Head whitish cinereous. Abdomen extending much beyond the hind wings. Legs smooth, slender. Fore wings moderately broad, rounded at the tips, with several black speckles and points, and with a short black discal streak; exterior border straight, rather oblique. Length of the body 3 lines; of the wings 8 lines.

a. New Zealand. Presented by Col. Bolton.

375. GELECHIA SUBLITELLA.

Fœm. *Subcervino-cinerea; palporum articulus 2us apice subfimbriatus; pedes supra pallide cervini, albo fasciati; alæ anticæ puncto discali interiore atomisque exterioribus nigris.*

Female. Cinereous. Head, thorax and fore wings tinged with pale fawn-colour. Palpi nearly twice longer than the breadth of the head; second joint slightly fringed at the tip; third setiform, a little shorter than the second. Antennæ slender, much shorter than the fore wings. Tibiæ and tarsi pale fawn-colour; tips of the tibiæ and of the joints of the tarsi white. Fore wings rather narrow, hardly acute, with a black point in the disk before the middle and a few black speckles towards the exterior border, which is very oblique. Length of the body 2 lines; of the wings 6 lines.

a. New Zealand. Presented by Dr. Sinclair.

376. GELECHIA DEAMATELLA.

Mas. *Cinerea; palpi sat validi, articulo 3o lanceolato; antennæ setulosæ; alæ anticæ angustæ, fuscæ, nigro plagiatae, macula costali, macula exteriore obliqua lineaque adhuc exteriori transversa flexa albis.*

Male. Cinereous. Palpi smooth, rather stout, much longer than the breadth of the head; third joint lanceolate, shorter than the second. Antennæ stout, minutely setose, shorter than the fore wings. Wings narrow, acute; fringe very long. Fore wings

Mostly brown, blotched with black, with a white spot on the costa near the base, and with a larger and more conspicuous elliptical white spot, which extends obliquely from the costa to the disk; a white transverse bent line near the tip; exterior border extremely oblique. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

Auckland, New Zealand. From Mr. Oxley's collection.

377. GELECHIA FLAVIDELLA.

Mas. *Flava; palpi capitis latitudine multo longiores; abdomen æneum; alæ anticæ angustæ, apice rotundatæ, striga postica lata fimbriaque æneis, lineola transversa nigra; posticæ æneæ.*

Male. Yellow. Palpi smooth, curved, much longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ smooth, slender, much shorter than the fore wings. Abdomen, fore wings beneath and hind wings æneous. Fore wings narrow, rounded at the tips, with a broad æneous streak along the hind part towards the tip; a short black line across the inner end of the streak; fringe æneous; exterior border extremely oblique. Length of the body 2— $2\frac{1}{2}$ lines; of the wings 5—6 lines.

New Zealand. Presented by Col. Bolton.

378. GELECHIA COLLITELLA.

Mas. *Pallide subcervino-cinerea; antennæ subsetulosæ, vix moniliformes; pedes sat robusti; alæ anticæ latiusculæ, cervino conspersæ, lituris fuscis, earum duabus exterioribus magis determinatis, fimbria fusco spurcata.*

Male. Pale cinereous. Head, thorax and fore wings slightly tinged with fawn-colour. Palpi smooth, much longer than the breadth of the head; third joint setiform, much shorter than the second. Antennæ extremely minutely setulose and moniliform, much shorter than the fore wings. Legs rather stout. Wings rather broad; fringe moderately long. Fore wings slightly rounded at the tips, speckled with fawn-colour, with some brown marks; a few of these before the middle; a larger one in the exterior disk and a still larger one on the costa near the tip; fringe partly tinged with brown; exterior border very oblique. Length of the body 3 lines; of the wings 8 lines.

New Zealand. Presented by Col. Bolton.

379. GELECHIA CONVULSELLA.

Cana, nigro conspersa; palporum articulus 3us nigro fasciatus; alæ anticæ latiusculæ, fasciis quatuor vagis obscure cinereis punctis quatuor discalibus elongatis punctis marginalibus nigris; posticæ subæneo-cinereæ.

Hoary, minutely speckled with black. Palpi nearly twice longer than the breadth of the head; third joint setiform, with a black middle band, a little shorter than the second. Antennæ slender, much shorter than the fore wings. Wings rather long and broad, rounded at the tips. Fore wings with four very irregular dark cinereous bands, with four elongated black points in the disk, and with a row of black points along the exterior part of the costa and along the exterior border; exterior border very oblique. Hind wings cinereous, with a slight æneous tinge. Length of the body $3\frac{1}{2}$ —4 lines; of the wings 9—10 lines.

a, b. Auckland, New Zealand. From Mr. Oxley's collection.

380. GELECHIA CONTEXTELLA.

Mas. Cinerea; palporum articulus 2us basi niger; alæ anticæ æneo variæ, nigro squamosæ; alæ anticæ lituris duabus posticis, gutta discali lineisque duabus transversis undulatis submarginalibus nigris.

Male. Cinereous, shining and with an æneous tinge beneath. Palpi much longer than the breadth of the head; second joint black towards the base; third lanceolate, much shorter than the second. Antennæ smooth, slender, much shorter than the fore wings. Wings moderately broad, rounded at the tips; fringe moderately long. Fore wings partly tinged with æneous, irregularly speckled with black scales, which also form an oblique mark hindward before the middle, a dot in the middle of the disk, a smaller mark on the interior border, and two transverse undulating submarginal lines, which are dilated towards the costa; exterior border very oblique. Hind wings shining, with a slight æneous tinge. Length of the body 3 lines; of the wings 8 lines.

a, b. Auckland, New Zealand. From Mr. Oxley's collection.

381. GELECHIA CONTRITELLA.

Fœm. *Cinerea* ; palpi nigro subconspersi, articulo 3o lanceolato ; alæ anticæ nigro conspersæ, fascia media lata albida postice dilatata nigro ex parte marginata, linea exteriori nigra obliqua antice angulata et abbreviata ; posticæ æneo nitentes.

Female. Cinereous. Palpi much longer than the breadth of the head, slightly speckled with black ; third joint lanceolate, much shorter than the second. Antennæ slender, much shorter than the fore wings. Legs slender. Wings moderately broad, hardly acute. Fore wings minutely speckled with black, with a broad whitish middle band, which is dilated hindward and is incompletely bordered with black ; an exterior black oblique line, acutely angular in front, where it is abbreviated ; exterior border slightly convex, very oblique. Hind wings shining, slightly tinged with æneous ; fringe long. Length of the body 3 lines ; of the wings 8 lines.

Auckland, New Zealand. From Mr. Oxley's collection.

382. GELECHIA SURDITELLA.

Mas. *Cinerea* ; antennæ setulosæ ; abdomen longum ; tibiæ posticæ fimbriatæ ; alæ anticæ angustæ, nigricante conspersæ, strigis tribus obliquis discalibus lituraque apicali obscure fuscis.

Male. Cinereous. Palpi very much longer than the breadth of the head ; third joint setiform, shorter than the second. Antennæ setulose, much shorter than the fore wings. Abdomen long ; apical segment small. Hind tibiæ fringed. Wings narrow, slightly acute ; fringe long. Fore wings with blackish speckles and with three short oblique dark brown streaks in the disk ; a dark brown apical mark ; exterior border extremely oblique. Length of the body 4 lines ; of the wings 8 lines.

New Zealand. Presented by Capt. J. C. Ross.

383. GELECHIA BIFACIELLA.

Fœm. *Cuprea, subtus argentea* ; antennæ fascia subapicali argentea ; pedes supra cuprei, argenteo fasciati ; alæ anticæ lituris quatuor argenteis cyaneo purpureo aut aureo micantibus, fimbria alba.

Female. Cupreous, shining. Head in front and under side silvery white. Palpi slender, more than twice longer than the

breadth of the head; third joint setiform, full as long as the second. Antennæ slender, with a broad white band towards the tips, shorter than the fore wings. Legs slender; tibiæ and tarsi cupreous; tips of the tibiæ and of the joints of the tarsi silvery white. Fore wings rather narrow, slightly acute, with some silvery markings, which have blue or purple or gilded reflections; first mark forming an oblique streak on the costa before the middle; second smaller, on the exterior costa; third and fourth extending from the interior border to the disk; fourth extending nearly to the second; fringe mostly white; exterior border slightly oblique. Length of the body 3 lines; of the wings 8 lines.

This species has much resemblance to the *Argyresthiæ*.

a—f. New Zealand. Presented by Col. Bolton.

384. GELECHIA PERONEANELLA.

Mas et fœm. *Viridi-alba, subtus argentea; palporum articulus 2us basi niger, 3us nigro fasciculatus; tarsi nigricantes fasciati; alæ anticæ latæ, asperæ, lituris angulatis discalibus punctisque submarginalibus et marginalibus nigris.*

Male and female. Greenish white, silvery white beneath. Palpi twice longer than the breadth of the head; second joint black at the base; third setiform, with a small black tuft in the middle, a little shorter than the second. Antennæ smooth, very much shorter than the fore wings. Tarsi with blackish bands. Wings broad, hardly acute, with a few obliquely elevated tufts, and with some more or less complete and acutely angular black marks on the costa and in the disk; two rows of black points, one submarginal and incomplete, the other marginal and complete; exterior border slightly convex, moderately oblique; under side blackish cinereous. Hind wings whitish cinereous, tinged with blackish on the exterior part, and with blackish marginal points in the female. Length of the body 4—4½ lines; of the wings 10—12 lines.

a. New Zealand. Presented by Col. Bolton.

b. Auckland, New Zealand. From Mr. Oxley's collection.

Sandwich Islands.

385. GELECHIA INCERTULELLA.

Fœm. *Pallide cinereo-cervina, subtus argentea; palpi nigro quadrifasciati; alæ anticæ guttis quinque nigris albo marginatis; posticæ pallide cinereæ.*

Female. Pale cinereous fawn-colour, silvery white beneath. Palpi smooth, slender, more than twice longer than the breadth of the head; second joint with two black bands; third setiform, with two black bands, a little longer than the second. Tibiæ and tarsi pale fawn-colour, with silvery bands. Wings narrow, acute. Fore wings with five black white-bordered dots; first, second and third dots discal; first near the base; second in the middle; third at three-fourths of the length; fourth and fifth submarginal; fifth behind the fourth; exterior border extremely oblique. Hind wings pale cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

—c. Sandwich Islands. Presented by the Lords of the Admiralty.

Country unknown.

386. GELECHIA SPOLIATELLA.

Fœm. *Fusco-cinerea*; *alæ anticæ apice subrectangulatæ, puncto basali, punctis duobus discalibus punctoque postico nigris.*

Female. Brownish cinereous. Palpi smooth, a little more than twice longer than the breadth of the head; second joint rather broad; third setiform, shorter than the second. Abdomen extending rather beyond the hind wings. Hind tibiæ stout, not fringed. Fore wings rather narrow, nearly rectangular at the tips; a black point near the base; three black points in the disk, one of them near the interior border and between the other two, which are in a line; exterior border straight, slightly oblique. Hind wings a little paler and more cinereous than the fore wings. Length of the body 8 lines; of the wings 8 lines.

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Genus 15. PARASIA.

Parasia, *Dp.*—*Acedes*, *Hb.*

1. PARASIA LAPPELLA.

Lappella, *L.*—*silacea*, *Hw.*—*æstivella*, *Zl.*

—n. England. From Mr. Bouchard's collection.

—m. England.

2. PARASIA PAUCIPUNCTELLA.

paucipunctella, *Zl.*

3. PARASIA TARRIDELLA.

tarridella, *Mn.*

4. PARASIA METZNERIELLA.

Metzneriella, *Sta.*—paucipunctella, *Dgl.*—silacea, Var. β , *Hw.*
a—e. England. From Mr. Bouchard's collection.

5. PARASIA CARLINELLA.

carlinella, *Sta.*—æstivella, *H.-S.*
a—f. England.

6. PARASIA APRILELLA.

aprilella, *H.-S.*

7. PARASIA SELAGINELLA.

selaginella, *Mn.*

8. PARASIA NEUROPTERELLA.

neuropterella, *Zl.*

North America.

9. PARASIA? SUBSIMELLA.

subsimella, *Clms.*
 United States.

Genus 16. CHELARIA.

Chelaria, *Hw.*

1. CHELARIA HUEBNERELLA.

Huebnerella, *Dn.*—conscriptella, *Hb.*—rhomboidella, *Ct.*
a. England. From Mr. Bouchard's collection.
b—j. England.

Genus 17. CLEODORA.

Cleodora, *Ct.*

1. CLEODORA CYTISELLA.

cytisella, *Ct.*—fuseipennis, *Hp.* and *Wtw.*—Walkeriella, *Dgl.*—
 cœnulentella, *H.-S.*

a, b. England. From Mr. Chant's collection.
c, d. England. From Mr. Bouchard's collection.
e—h. England.

2. **CLEODORA KEFERSTEINIELLA.****Kefersteiniella, Zl.**3. **CLEODORA STRIATELLA.****striatella, W. V.****a, b. Europe. From M. Becker's collection.**4. **CLEODORA LINEATELLA.****lineatella, Zl.**5. **CLEODORA MERIDIONELLA.****meridionella, H.-S.****Genus 18. MEGACRASPEDUS.****Megacraspedus, Zl.**1. **MEGACRASPEDUS DOLOSELLUS.****dolosellus, Zl.**2. **MEGACRASPEDUS SUBDOLELLUS.****subdolellus, Std.**3. **MEGACRASPEDUS LAGOPELLUS.****lagopellus, H.-S.**4. **MEGACRASPEDUS SEPARATELLUS.****separatellus, F. R.**5. **MEGACRASPEDUS BINOTELLUS.****binotellus, F. R.**6. **MEGACRASPEDUS IMPARELLUS.****imparellus, F. R.**7. **MEGACRASPEDUS LANCEOLELLUS.****lanceolellus, Zl.****Genus 19. EPIDOLA.****Epidola, Std.**1. **EPIDOLA STIGMA.****stigma, Std.**

Genus 20. HOLOSCOLIA.

Holoscolia, *Zl.*

1. HOLOSCOLIA FORFICELLA.

forficella, *Hb.*

Genus 21. ANARSIA.

Anarsia, *Zl.*

1. ANARSIA KOCHIELLA.

Kochiella, *H.-S.*

2. ANARSIA SPARTIELLA.

spartiella, *Schr.*—Robertsonella, *Ct.**a, b.* England. From Mr. Bouchard's collection.*c—f.* England.*g, h.* Europe. From M. Becker's collection.

3. ANARSIA GENISTÆ.

genistæ, *Sta.*

4. ANARSIA LINEATELLA.

lineatella, *Zl.*

North America.

5. ANARSIA? PRUNIELLA.

pruniella, *Clms.*

United States.

Hindustan.

6. ANARSIA CANDIDA.

candida, *Sta.*

Calcutta.

Genus 22. YPSOLOPHUS.

Ypsolophus, *Hw.*—Oxybelia, *Hb.*—Mesophleps, *Hb.*—Eupleuris, *Hb.*—Nothris, *Hb.*—Anadetia, *Hb.*

1. YPSOLOPHUS USTULELLUS.

ustulellus, *F.*—ustulatus, *F.*—capucinella, *Hb.*

2. *YPSOLOPHUS FASCIELLUS*.*fasciellus*, *Hb.**a—f.* England.*g—j.* Europe. From M. Becker's collection.3. *YPSOLOPHUS DEFLECTIVELLUS*.*deflectivellus*, *H.-S.*—*limosellus*? *Frey.*4. *YPSOLOPHUS DURDHAMELLUS*.*Durdhamellus*, *Sta.*—*quadrinellus*, *H.-S.**a—d.* England. From Mr. Bouchard's collection.5. *YPSOLOPHUS SILACELLUS*.*silacellus*, *Hb.*6. *YPSOLOPHUS CORSICELLUS*.*corsicellus*, *H.-S.*7. *YPSOLOPHUS PUDICELLUS*.*pudicellus*, *Mn.*8. *YPSOLOPHUS TRINOTELLUS*.*trinotellus*, *H.-S.*9. *YPSOLOPHUS MARGINELLUS*.*marginellus*, *F.*—*striatella*, *Hb.*—*clarella*, *Tr.**a—d.* England. From Mr. Stevens' collection.*e—l.* England.*m, n.* Europe. From M. Becker's collection.10. *YPSOLOPHUS LEMNISCELLUS*.*lemniscellus*, *Zl.**a, b.* Europe. From M. Becker's collection.11. *YPSOLOPHUS CISTI*.*Cisti*, *Std.*

12. **YPSOLOPHUS ASINELLUS.**

asinellus, *Hb.*

13. **YPSOLOPHUS LIMBIPUNCTELLUS.**

limbipunctellus, *Std.*

14. **YPSOLOPHUS VERBASCCELLUS.**

verbascellus, *W. V.*

a—c. Europe. From M. Becker's collection.

15. **YPSOLOPHUS BUBULCELLUS.**

bubulcellus, *Std.*

16. **YPSOLOPHUS BARBELLUS.**

barbellus, *W. V.*

a. Germany. From M. Heminghoffen's collection.

17. **YPSOLOPHUS DECLARATELLUS.**

declaratellus, *Std.*

18. **YPSOLOPHUS JUNIPERELLUS.**

juniperellus, *L.*

a—d. Scotland. From Mr. Bouchard's collection.

e, f. Europe. From M. Becker's collection.

19. **YPSOLOPHUS SABINELLUS.**

sabinellus, *Zl.*

20. **YPSOLOPHUS SENTICETELLUS.**

senticetellus, *Std.*

Genus 23. **SOPHRONIA.**

Sophronia, *Hb.*—*Pleurota*, *Hb.*—*Glyphipterix*, *Hb.*

1. **SOPHRONIA RENIGERELLA.**

renigerella, *Zl.*

2. SOPHRONIA PARENTHESSELLA.

parenthesella, L.—*genistella*, W. V.—*semicostella*, Hb.

a. England. From Mr. Chant's collection.

b—d. England. From Mr. Bouchard's collection.

e—g. England.

h, i. Europe. From M. Becker's collection.

3. SOPHRONIA HUMERELLA.

humerella, W. V.

a, b. Europe. From M. Becker's collection.

4. SOPHRONIA EXUSTELLA.

exustella, Zl.

5. SOPHRONIA CHILONELLA.

chilonella, Tr.

6. SOPHRONIA CONSANGUINELLA.

consanguinella, H.-S.

7. SOPHRONIA SICARIELLA.

sicariella, Zl.

8. SOPHRONIA ILLUSTRILLA.

illustrilla, Hb.

South America.

9. SOPHRONIA EXCISORELLA.

Mas. *Pallide ochracea, subtus argenteo-cinerea; palporum articulus 2us fasciculo longissimo fasciculato; antennæ subcrenulatæ; abdomen nigricans; pedes postici supra fuscescentes, tarsorum articulis apice argenteis; alæ anticæ vitta postica intus undulata strigaeque costali apicali fuscis, linea marginali argentea, punctis marginalibus nigris; posticæ nigricantes.*

Male. Pale ochraceous, slender, silvery cinereous beneath. **Palpi** thrice longer than the breadth of the head; second joint with a long lanceolate compressed tuft of hairs; third extremely slender,

longer than the second. Antennæ slender, very minutely crenulated, a little shorter than the fore wings. Abdomen above and hind wings blackish. Legs long, slender; hind tibiæ and tarsi brownish above; tips of the joints of the tarsi silvery. Fore wing narrow, rounded at the tips, with a brown stripe, which extends along the interior border and is undulating on its inner side; a brown streak along the apical part of the costa; exterior border very oblique, with black points and a silvery line. Hind wings blackish rather broad. Length of the body 5 lines; of the wings 12 lines.

a, b. Ega. From Mr. Bates' collection.

Genus 24. PTEROLONCHE.

Pterolonche, Zl.

1. PTEROLONCHE ALBESCENS.

albescens, Zl.

2. PTEROLONCHE PULVERULENTA.

pulverulenta, Zl.

3. PTEROLONCHE INSPERSA.

inspersa, Std.

Andalusia.

Madeira Isles.

4. PTEROLONCHE ? MADERENSIS.

Maderensis, Sta.

Porto Santo and Northern Dezerta.

Genus 25. PROTASIS.

Protasis, H.-S.

1. PROTASIS PUNCTELLA.

punctella, Cta.—monostictella, H.-S.

Genus 26. TOPEUTIS.

Topeutis, Hb.

1. TOPEUTIS BARBELLA.

barbella, F.—labiosella, Tr.—crinitella, H.-S.

a. Germany. From M. Heminghoffen's collection.

2. TOPEUTIS CRIELLA.

criella, *Tr.*—crinella, *Tr.*

3. TOPEUTIS LABIOSELLA.

labiosella, *Hb.*

4. TOPEUTIS SPARELLA.

sparella, *Ld.*

Genus 27. PLEUROTA.

Pleurota, *Hb.*—Eupleuris, *Hb.*

1. PLEUROTA ROSTRELLA.

rostrella, *Hb.*

2. PLEUROTA LARGELLA.

largella, *Ld.*

3. PLEUROTA PLANELLA.

planella, *Std.*

4. PLEUROTA PYROPELLA.

pyropella, *W. V.*

a, b. Europe. From M. Becker's collection.

5. PLEUROTA SALVIELLA.

salviella, *H.-S.*

6. PLEUROTA BREVISPINELLA.

brevispinella, *Zl.*

7. PLEUROTA METRICELLA.

metricella, *Zl.*

8. PLEUROTA PUNGITIELLA.

pungitiella, *H.-S.*

9. PLEUROTA BICOSTELLA.

bicostella, *L.*—marginella, *F.*—marginatus, *F.*

- a, b.* England. From Mr. Chant's collection.
c. England. From Mr. Foxcroft's collection.
d, e. England.
f—k. England. Presented by E. Shepherd, Esq.
l—o. Europe. From M. Becker's collection.
p, q. Italy. From Dr. Leach's collection.

10. PLEUROTA ERICELLA.

ericella, Dp.—teligerella, Std.

11. PLEUROTA IMITATRIX.

imitatrix, H.-S.

12. PLEUROTA EXIMIA.

eximia, Ld.

13. PLEUROTA ARISTELLA.

aristella, L.—bitrabiella, Zk.

a. Europe. From M. Becker's collection.

14. PLEUROTA SCHLAEGERIELLA.

Schlaegeriella, Zl.

15. PLEUROTA CYRMIELLA.

cyrmiella, Mn.

16. PLEUROTA HONORELLA.

honorella, Hb.

17. PLEUROTA HEYDENREICHIELLA.

Heydenreichiella, H.-S.—honorella, Var.?

18. PLEUROTA SOBRIELLA.

sobriella, Std.

19. PLEUROTA KADENIELLA.

Kadeniella, H.-S.—nigricans, Zl.

20. PLEUROTA EXIMIA.

eximia, Lederer.

Caramania.

Genus 28. CARPOSINA.

Carposina, *H.-S.*

1. CARPOSINA SCIRRHOSELLA.

scirrhosella, *H.-S.*

2. CARPOSINA BERBERIDELLA.

berberidella, *H.-S.*

Genus 29. ANCHINIA.

Anchinia, *Hb.*

1. ANCHINIA DAPHNELLA.

daphnella, *W. V.*

2. ANCHINIA GRISESCENS.

grisezens, *Frey.*—*insolatella*, *H.-S.*

3. ANCHINIA VERRUCELLA.

verrucella, *W. V.*—*hepaticella*, *Hb.*—*cneorella*, *Hb.*

4. ANCHINIA LAUREOLELLA.

laureolella, *H.-S.*

5. ANCHINIA PERMIXTELLA.

permixtella, *H.-S.*

Genus 30. APLOTA.

Aplota, *St.*

1. APLOTA PALPELLA.

palpella, *Hw.*—*balucella*, *H.-S.*

a, b. England.

Genus 31. HARPELLA.

Harpella, *Schr.*—*Orophia*, *Hb.*—*Alabonia*, *Hb.*

1. HARPELLA FORFICELLA.

forficella, *Sc.*—*proboscidella*, *Slz.*—*majorella*, *W. V.*—*flavella*, *F.*

a, b. Europe. From M. Becker's collection.

2. HARPELLA GEOFFRELLA.

Geoffrella, *L.*—Geoffroyi, *Hw.*—gruneriella, *H.-S.*

a—l. England.

m—p. Europe. From M. Becker's collection.

3. HARPELLA STANTONIELLA.

Stantoniella, *Zl.*—Geoffroyella, *Hb.*

4. HARPELLA KINDERMANNI.

Kindermanni, *H.-S.*

5. HARPELLA BRACTEELLA.

bracteella, *L.*

Genus 32. HYPERCALLIA.

Hypercallia, *St.*—Carcina, *Hb.*

1. HYPERCALLIA CITRINALIS.

citrinalis, *Sc.*—Christiernana, *L.*—Christiernella, *Hb.*—Christiernini, *Zl.*

a—g. England.

h, i. Europe. From M. Becker's collection.

Australia.

2. HYPERCALLIA IGNIFERELLA.

Mas et foem. Rufa, subtus argenteo-cinerea; palpi rufi quadrifasciati; antennæ maris subsetulosæ; tibiæ posticæ subfimbriatæ; alæ anticæ acutæ, squamoso asperæ, flavo subreticulatæ, fasciis tribus angustis nigris nitentibus; posticæ cinereæ.

Male and female. Bright red. Head in front and under sides silvery cinereous. Palpi nearly twice longer than the breadth of the head; second and third joints with two red bands on each; third joint lanceolate, shorter than the second. Antennæ of the male minutely setulose. Hind tibiæ slightly fringed. Fore wings

cute, with a few obliquely elevated scales, and irregularly reticulated with numerous gilded yellow lines; three narrow black shining bands; first and second extending obliquely outward from the costa; third submarginal, nearly parallel to the border, which is straight and moderately oblique. Hind wings cinereous. Length of the body 3 lines; of the wings 8 lines.

Australia. From Mr. Diggles' collection.

—f. Moreton Bay. From Mr. Diggles' collection.

Genus 33. DASYCERA.

Dasycera, Hw.—*Esperia*, Hb.—*Alabonia*, Hb.

1. DASYCERA SULPHURELLA.

Sulphurella, F.—*annulatella*, Vtrs.—*cornutella*, F.—*orbonella*, Hb.

—l. England.

2. DASYCERA OLIVIELLA.

Olivella, F.—*Olivieri*, Hw.—*æmulella*, Hb.

—m. England.

—o. Europe. From M. Becker's collection.

3. DASYCERA IMITATRIX.

imitatrix, Zl.

Genus 34. ŒCOPHORA.

Œcophora, Zl.—*Denisia*, Hb.—*Borkhausenia*, Hb.—*Schiffermulleria*, Hb.—*Carcina*, Hb.—*Acompsia*, Hb.—*Galanthia*, Hb.

Europe.

1. ŒCOPHORA SULPHURELLA.

Sulphurella, Hb.—*tigrella*, Hb.

Europe. From M. Becker's collection.

c. Germany. From M. Heminghoffen's collection.

2. ŒCOPHORA NUBILOSELLA.

nubilosella, H.-S.

3. ŒCOPHORA WESTERMANNELLA.

Westermannella, Zt.

4. *ŒCOPHORA SIMILELLA*.

similella, *Hb.*

a. England.

b, c. Germany. From M. Heminghoffen's collection.

5. *ŒCOPHORA RHÆTICA*.

rhætica, *Frey.*—*engadinella*, *H.-S.*

6. *ŒCOPHORA TRIPUNCTA*.

tripuncta, *Hw.*—*tripunctella*, *St.*—*trimaculella*, *Dp.*—*tresignella*, *Zl.*

a, b. England. From Mr. Bouchard's collection.

c. England.

7. *ŒCOPHORA MINUTELLA*.

minutella, *L.*—*oppositella*, *F.*

a. England. From Mr. Bouchard's collection.

b—m. England.

8. *ŒCOPHORA AMASIELLA*.

amasiella, *H.-S.*

9. *ŒCOPHORA STROEMELLA*.

stroemella, *F.*

10. *ŒCOPHORA LUCTUOSELLA*.

luctuosella, *Dp.*—*funestella*, *Dp.*

11. *ŒCOPHORA FULVIGUTTELLA*.

fulviguttella, *Zl.*—*flavimaculella*, *Sta.*—*minutella*, *Hw.*

a—d. England. Presented by F. Bond, Esq.

12. *ŒCOPHORA ANGUSTELLA*.

angustella, *Hb.*—*angusta*, *Hw.*—*mæstella*, *Hb.*—*Var. albimaculella*, *Hw.*

a. England. From Mr. Bouchard's collection.

b, c. England. Presented by S. Stevens, Esq.

d—p. England.

13. *ÆCOPHORA ALBILABRIS*.*albilabris*, *Zl.*14. *ÆCOPHORA BORKHAUSENII*.*Borkhausenii*, *Zl.*15. *ÆCOPHORA CINNAMOMEA*.*cinnamomea*, *Zl.*16. *ÆCOPHORA WOODIELLA*.*Woodiella*, *Ct.*17. *ÆCOPHORA GRANDIS*.*grandis*, *Dervignes*.*a.* England. Presented by F. Bond, Esq.18. *ÆCOPHORA SCHÆFFERELLA*.*Schæfferella*, *L.**a.* Germany. From M. Heminghoffen's collection.19. *ÆCOPHORA PROCERELLA*.*procerella*, *W. V.*20. *ÆCOPHORA FORMOSELLA*.*formosella*, *W. V.**a, b.* Europe. From M. Becker's collection.21. *ÆCOPHORA LUNARIS*.*lunaris*, *Hw.*—*Metznerella*, *Tr.*—*Begrandella*, *Dp.*—*Metzneriella*?
*H.-S.**a, b.* England. Presented by E. Shepherd, Esq.*c.* England. From Mr. Bouchard's collection.*d—o.* England.22. *ÆCOPHORA LAMBDELLA*.*lambdella*, *Dn.*—*lambda*, *Hw.**a, b.* England.*c—f.* England.

23. *ÆCOPHORA MERCEDELLA.*

mercedella, Std.

24. *ÆCOPHORA SUBAQUILEA.*

subaquilea, Sta.—Britanicella, H.-S.

a, b. England. From Mr. Bouchard's collection.

25. *ÆCOPHORA DETRIMENTELLA.*

detrimentella, Std.

26. *ÆCOPHORA PANZERELLA.*

Panzerella, St.

a—h. England.

27. *ÆCOPHORA TINCTELLA.*

tinctella, Tr.—lutarella, St.—arietella, Sta.

a. England.

28. *ÆCOPHORA UNITELLA.*

unitella, Hb.—fuscoarella, Hw.—arietella, Zl.

a, b. England. From Mr. Bouchard's collection.

c—m. England.

29. *ÆCOPHORA TEMPERATELLA.*

temperatella, Ld.

30. *ÆCOPHORA FILIELLA.*

filiella, Std.

31. *ÆCOPHORA FLAVIFRONTELLA.*

flavifrontella, W. V.

a—f. England. Presented by P. E. Wormald, Esq.

g. England. From Mr. Foxcroft's collection.

h—k. England.

32. *ÆCOPHORA LAVANDULÆ.*

lavandulæ, Mn.

33. *ÆCOPHORA FUSCESCENS.*

fuscescens, Hw.—luridicomella, H.-S.

a. Scotland. From Mr. Foxcroft's collection.

b—k. England.

34. *ÆCOPHORA CINERARIELLA*.*cinerariella*, *Mn.*35. *ÆCOPHORA QUADRIFABIELLA*,*quadrifariella*, *Mn.*36. *ÆCOPHORA PSEUDOSPRETELLA*.*pseudospretella*, *Sta.**a-c.* England. From Mr. Bouchard's collection.*d-l.* England.37. *ÆCOPHORA DEVOTELLA*.*devotella*, *Hdn.*38. *ÆCOPHORA STATARIELLA*.*statariella*, *Hdn.*

Borneo.

39. *ÆCOPHORA?* *BITINOTELLA*.

Fœm. *Ferruginea*; *antennæ gracillimæ, alis anticis paullo breviores*; *alæ anticæ acutæ, chalybæo substrigatæ, fascia marginali chalybæa.*

Female. Ferruginous. *Antennæ* very slender, a little shorter than the fore wings. Fore wings acute, moderately broad, tinged with chalybeous, the latter hue most prevalent along the costa, and forming a band on the exterior border, which is straight and moderately oblique. Length of the body 3 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Australia.

40. *ÆCOPHORA BIMACULANA*.*bimaculana*, *Dvn.*—*bimaculella*, *Nwm.**a, b.* Moreton Bay. From Mr. Damel's collection.*c-g.* Moreton Bay. From Mr. Diggles' collection.*h.* Sydney. From Mr. Lambert's collection.*i.* Australia.

41. **ÆCOPHORA ARABELLA.**

Arabella, *Nwm.*

a, b. Australia. Presented by R. Bakewell, Esq.

c, d. Australia. From Mr. Damel's collection.

e. Australia. Presented by T. R. Oxley, Esq.

42. **ÆCOPHORA ELLENELLA.**

Ellenella, *Nwm.*

a. Australia. Presented by T. R. Oxley, Esq.

43. **ÆCOPHORA ISABELLA.**

Isabella, *Nwm.*

a. Australia. Presented by T. R. Oxley, Esq.

44. **ÆCOPHORA MARIONELLA.**

Marionella, *Nwm.*

a. Australia. Presented by T. R. Oxley, Esq.

45. **ÆCOPHORA PAULINELLA.**

Paulinella, *Nwm.*

a. Australia. Presented by T. R. Oxley, Esq.

46. **ÆCOPHORA AGNESELLA.**

Agnesella, *Nwm.*

Australia.

47. **ÆCOPHORA ZITELLA.**

Zitella, *Nwm.*

Australia.

48. **ÆCOPHORA SEMELELLA.**

Semelella, *Nwm.*

Australia.

49. *ŒCOPHORA* *HECATELLA*.*Hecatella*, *Newm.*

Australia.

50. *ŒCOPHORA* *LÆTIORELLA*.

Fœm. *Læte flava; palporum articulus 3us nigricans; thorax antice purpureus; tibiæ posticæ subincrassatæ; alæ anticæ fasciis duabus latis chalybæo-purpureis, fimbria postica cuprea; posticæ cupreæ, flavo fimbriatæ.*

Female. Bright yellow. Palpi slender, twice longer than the breadth of the head; third joint blackish, much shorter than the second. Thorax purple in front. Abdomen extending much beyond the hind wings. Hind tibiæ slightly incrassated. Wings broad, with a broad fringe. Fore wings rounded at the tips, with two broad purple chalybeous-shining bands; first band very near the base; second very near the exterior border, contracted on its inner side near the costa and near the interior border; fringe cupreous towards the interior angle; exterior border slightly oblique. Hind wings cupreous, with a yellow fringe. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines.

a. Moreton Bay. From Mr. Diggles' collection.

51. *ŒCOPHORA* *DIVISELLA*.

Mas et fœm. *Alba; palpi basi nigri; antennæ subpubescentes; thorax maculis duabus cupreo-fuscis; abdomen aurato-flavum; alæ anticæ apice rectangulatæ, macula basali, fasciis duabus latis fimbriaque cupreo-fuscis; posticæ aurato-flavæ.*

Male and female. White. Palpi black towards the base, twice longer than the breadth of the head; third joint setiform, as long as the second. Antennæ minutely pubescent. Thorax with a dark cupreous-brown spot on each side in front. Abdomen and hind wings pale gilded yellow. Fore wings rather broad, rectangular at the tips; a spot on the base of the costa, two broad bands and the fringe dark cupreous-brown; exterior border very slightly oblique. Length of the body 3 lines; of the wings 9 lines.

a, b. Australia. From Mr. Damel's collection.

c. Australia. From Mr. Diggles' collection.

52. *ŒCOPHORA CONCISELLA*.

Mas. *Lute flava ; palporum articulus 2us fuscus ; antennæ subpubescentes ; tibiæ posticæ fimbriatæ ; alæ anticæ basi fasciæque lata rufescente-purpureis.*

Male. Bright yellow, paler beneath. Palpi much longer than the breadth of the head ; second joint brown ; third setiform, much shorter than the second. Antennæ indistinctly pubescent. Abdomen and hind wings æneous, the former extending rather beyond the latter. Hind tibiæ fringed. Wings elongate, moderately broad, slightly rounded at the tips. Fore wings reddish purple at the base, and with a broad reddish purple band, which joins the exterior border and is retracted in front nearly to the tip of the costa ; exterior border straight, rather oblique. Hind wings with a very long fringe. Length of the body 4 lines ; of the wings 11 lines.

a. Australia. From Mr. Damel's collection.

53. *ŒCOPHORA TERMINELLA*.

Mas. *Aurato-flava ; abdomen æneo-fuscum ; pedes breves, robusti, tibiis posticis fimbriatis ; alæ anticæ breviusculæ, latiusculæ, fascia lata purpurea ; posticæ æneo-fuscæ.*

Male. Gilded yellow. Under side, abdomen above and hind wings æneous-brown. Legs short, stout ; hind tibiæ fringed. Wings rather short and broad, rounded at the tips. Fore wings with a broad purple band along the exterior border ; exterior border nearly straight, slightly oblique. Length of the body 3 lines ; of the wings 8 lines.

a. Australia. From Mr. Diggles' collection.

54. *ŒCOPHORA USTELLA*.

Fœm. *Alba ; palpi basi nigri ; thorax nigro fasciatus ; abdomen pallide ochraceum ; alæ anticæ basi fasciæque nigris, fasciæ exteriore informi ferruginea antice nigro varia, spatio marginali glauco ; posticæ pallide ochraceæ.*

Female. White. Palpi smooth, much longer than the breadth of the head ; second joint stout, black at the base ; third lanceolate, shorter than the second. Antennæ whitish, brown towards the base ;

first joint whitish, black at the tip. Thorax with a broad black band. Abdomen and hind wings pale ochraceous, the former extending a little beyond the latter. Legs pale ochraceous; hind tibiæ fringed. Fore wings rounded at the tips, black at the base, with a blackish band, which is excavated on the outer side in front; an irregular exterior ferruginous band, which is mostly black towards the costa, and has a glaucous patch between it and the exterior border, which is slightly convex and oblique. Length of the body 3 lines; of the wings 9 lines.

a. Sydney. From Mr. Lambert's collection.

b. Sydney. From Mr. Diggles' collection.

55. *ŒCOPHORA ASPECTALELLA*.

Mas. *Alba; antennæ subpubescentes; thorax fascia lata purpurascens; abdomen flavescens; alæ anticæ latæ, fasciis tribus purpurascens, 1a basali antice dilatata, 2a apud costam truncata, 3a latiore puncta dua marginalia albida lineamque angulosam albidam includente, linea obliqua fusca angulosa inter fascias 2am et 3am; posticæ pallide flavæ.*

Male. Pale yellow. Head and thorax white, the latter with a broad purplish band. Antennæ indistinctly pubescent. Abdomen not extending beyond the hind wings. Legs slender; hind tibiæ not fringed. Wings broad, rounded at the tips. Fore wings with three purplish brown irregular bands; first band basal, contracted hindward; second with two concave curves on its inner side, obliquely truncated towards the costa, connected with the third by an oblique zigzag dark brown line; third much broader than the second, extending to the exterior border, containing two whitish marginal points and a whitish zigzag line, which extends from near the tip of the costa to the hind end of the exterior border, where it is dilated and white; exterior border convex, rather oblique. Hind wings pale yellow, with cinereous tips. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. Moreton Bay. From Mr. Diggles' collection.

56. *ŒCOPHORA ELECTELLA*.

Mas. *Argentea, subtus aurata; palpi articulo 2o basi fusco; abdomen auratum; alæ anticæ fasciis tribus obliquis aurato-*

cervinis antice connexis, 1a basali, 2a postice producta, 3a recurva et furcata; posticæ obscure cinereæ.

Male. Silvery white, gilded yellow beneath. Palpi nearly twice longer than the breadth of the head; second joint slightly fringed, brown towards the base; third setiform, a little shorter than the second. Antennæ stout, smooth. Abdomen gilded, extending much beyond the hind wings. Legs smooth, rather stout. Fore wings rather broad, rounded at the tips, with three oblique gilded fawn-coloured bands, which are connected in front by a stripe; the latter is subcostal towards the base, costal exteriorly; first band basal; second continued along the interior border to the interior angle; third much recurved, forked towards the exterior border which is very oblique; under side and hind wings dark cinereous fringe pale, gilded. Length of the body 5 lines; of the wings 10 lines.

a. Moreton Bay. From Mr. Diggles' collection.

57. *ŒCOPHORA RETRACTELLA.*

Mas. *Alba; palpi capitis latitudine multo longiores, articulo 2o pubescente basi fusco; abdomen cinereum; tibiæ posticæ fimbriatæ; alæ anticæ vix acutæ, vitta costali fasciisque duabus indeterminatis cervinis, plaga exteriori cervina macula apicalem albam includente, lineola marginali nigra; posticæ pallide cinereæ.*

Male. White, hardly stout. Palpi slightly curved, very much longer than the breadth of the head; second joint pubescent, brown towards the base; third lanceolate, much shorter than the second. Antennæ slender, very much shorter than the fore wings. Abdomen cinereous, extending a little beyond the hind wings. Hind tibiae fringed. Wings moderately broad, hardly acute. Fore wings with a fawn-coloured costal stripe, which is subcostal towards the base; two irregular incomplete oblique fawn-coloured bands; an exterior fawn-coloured patch, which includes a white apical spot; a black line along the hind part of the exterior border; costa straight; exterior border moderately oblique. Hind wings pale cinereous. Length of the body 4 lines; of the wings 10 lines.

Very closely allied to *Œ. electella*.

a. Sydney. From Mr. Lambert's collection.

58. *ŒCOPHORA RESUMPTELLA*.

Cupreo-cervina; *caput et pectus alba*; *palpi alba, subarcuati, capitis latitudine multo longiores, articulo 2o extus fusco, 3o longo*; *tibiæ posticæ fimbriatæ*; *alæ anticæ apice rotundatæ, plaga magna et fascia exteriori interrupta postice purpurascente albis, spatio marginali ex parte purpurascente-albido*; *posticæ fimbria cinerea*.

Cupreous fawn-colour. Head and pectus white. Palpi white, smooth, vertical, slightly curved, much longer than the breadth of the head; second joint mostly brown on the outer side; third setiform, nearly as long as the second. Antennæ rather shorter than the fore wings. Hind tibiæ fringed. Fore wings rounded at the tips, with a large white patch, which rests on the interior border and extends nearly to the costa and to the base; an exterior white band, interrupted in the middle, purple-tinged hindward; marginal space partly and irregularly whitish and with a purple tinge. Hind wings with the fringe cinereous, except towards the base. Length of the body 4? lines; of the wings 9 lines.

a. Australia. From Mr. Diggles' collection.

59. *ŒCOPHORA COMPARELLA*.

Fœm. Alba; *palpi articulo 2o basi fusco*; *thorax fusco bifasciatus*; *pedes anteriores fuscescentes*; *posticæ flavescentes*; *alæ anticæ fasciis tribus indeterminatis fuscis, 1a basali angusta, 2a postice latissima guttam albam includente strigam posticam emittente, 3a strigas quinque emittente*; *posticæ cinereæ*.

Female. White. Palpi full twice longer than the breadth of the head; second joint brown at the base on the outer side; third setiform, shorter than the second. Antennæ slender. Thorax with two brown bands, one in front, the other hindward. Anterior legs mostly brownish; hind legs yellowish, their tibiæ fringed. Fore wings rather narrow, rounded at the tips, with three irregular brown bands; first band narrow, very near the base; second very broad hindward, containing an irregular white dot, and emitting a streak in the disk towards the first band; third connected in the hindward disk with the second, emitting five streaks to the exterior border, which is slightly convex and rather oblique; under side blackish cinereous.

Hind wings cinereous. Length of the body 4 lines; of the wings 10 lines.

a. Moreton Bay. From Mr. Diggles' collection.

60. *ŒCOPHORA ALTERNELLA*.

Fœm. *Alba*; *palpi basi nigri*; *thorax nigro fasciatus*; *abdomen flavescens, disco subtus nigricante*; *pedes anteriores nigricantes*; *posticæ flavescences*; *alæ anticæ macula basali, fascia obliqua spatioque apicali nigricantibus, fascia strigam emittente, spatio apicali maculas tres guttasque marginales albas includente*; *posticæ subæneo-cinereæ*.

Female. White. Palpi about twice longer than the breadth of the head; second joint black for half the length from the base, third setiform, rather shorter than the second. Thorax with a broad blackish band. Pectus and abdomen yellowish, the latter extending much beyond the hind wings; disk blackish beneath. Anterior legs mostly blackish; hind legs yellowish, their tibiæ slightly fringed. Wings elongate, rather narrow. Fore wings rounded at the tips; a spot at the base of the costa, an oblique band and the space towards the tips blackish; the band inclining hindward towards the base emitting a streak outward to the interior border, the blackish space including two white costal spots, a larger discal white spot and a marginal row of irregular white dots; fringe white; exterior border extremely oblique; under side blackish excepting the whitish border of the fringe. Hind wings dark cinereous, with a slight æneous tinge. Length of the body $4\frac{1}{2}$ lines; of the wings 12 lines.

a. Sydney. From Mr. Lambert's collection.

61. *ŒCOPHORA CONFUSELLA*.

Mas. *Nigra*; *caput antice album*; *palpi albidi, nigricantes*; *fasciati*; *antennæ subsetulosæ*; *thorax albo binotatus*; *pedes subaurati nigro fasciati*; *alæ anticæ latiusculæ, apice sinuato-rotundatæ, fasciis duabus nigricantibus, 1a basali oblique dentata, 2a postice subinterrupta antice fissa latissima, plæ costali guttisque duabus discalibus intermediis nigricantibus, strigis submarginalibus nigricantibus*; *posticæ pallide auratæ cinereæ*.

Male. Black. Head white in front. Palpi whitish, full twice longer than the breadth of the head; second joint blackish on the

inter side towards the base, and with a blackish band near the tip; third blackish, except towards the base, a little shorter than the second. Antennæ very minutely setulose. Thorax white on each side hindward. Abdomen and hind wings pale gilded cinereous, the former extending a little beyond the latter. Legs slightly gilded; tarsi and anterior tibiæ with black bands; hind tibiæ fringed. Fore wings rather broad, slightly rounded at the tips, with a few minute blackish speckles, and with two irregular blackish bands; first band oblique, very near the base of the costa, dentate on both sides; second slightly interrupted hindward, very broad in front, where it is slightly divided; two blackish discal dots and a blackish costal patch between the bands; a row of short submarginal blackish streaks, which are occasionally connected with the second band; exterior border convex, moderately oblique. Length of the body 4—5 lines; of the wings 12—14 lines.

—d. Sydney. From Mr. Lambert's collection.

Moreton Bay. From Mr. Diggles' collection.

Australia. From Mr. Damel's collection.

——? From the Entomological Society's collection.

62. ŒCOPHORA PARTITELLA.

Fœm. Pallide aurato-flava; thorax albus, fascia antica liturisque duabus lateralibus fuscis; tibiæ posticæ fimbriatæ; alæ anticæ striga antica lata angulata, fascia exteriore obliqua furcata fasciæque informi adhuc exteriore æneis.

Female. Pale gilded yellow. Palpi much longer than the breadth of the head; third joint setiform, shorter and much more slender than the second. Thorax white, with an æneous band in front, and with an æneous mark on each of the tegulæ. Abdomen extending much beyond the hind wings. Hind tibiæ fringed. Wings elongate, moderately broad, slightly rounded at the tips. Fore wings with æneous marks; a broad streak extending along more than half the length of the costa from the base, obtusely angular on its outer side, attenuated towards its tip; an exterior oblique band forked hindward, its inner fork angular by the interior border, along which it is continued; a more exterior very irregular band, partly extending to the exterior border, diffusedly connected with the first band; three points on the hind side of the stripe; a point on the inner side of the first band, and an irregular mark on

the base of the interior border; exterior border rather oblique. Length of the body 5 lines; of the wings 14 lines.

a. Australia. From Mr. Damel's collection.

63. *ŒCOPHORA TRIFERELLA*.

Mas. Alba; palpi capitis latitudine fere duplo longiores, articulo 2o basi nigro; alæ anticæ latæ, nigræ, apice subrotundatæ, fasciis tribus albis, 1a lata, 2a flexa, 3a tenui abbreviata, fimbria alba; posticæ cinereæ.

Male. White. Palpi curved, ascending, nearly twice longer than the breadth of the head; second joint stout, pubescent, black towards the base; third setiform, shorter than the second. Abdomen hardly extending beyond the hind wings. Wings broad. Fore wings black, slightly rounded at the tips, with three white bands: first band broad, near the base; second narrow, much bent outward near the costa; third irregular, very slight, abbreviated at each end; fringe white except by the interior angle; exterior border slightly convex, hardly oblique. Hind wings cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Sydney. From Mr. Diggles' collection.

64. *ŒCOPHORA SEMIRUPTELLA*.

Fœm. Cinerea; vertex et thorax anticus subrufescentes; abdomen ferrugineum, segmentis cinereo marginatis; tibiæ posticæ subpilosæ; alæ anticæ subacutæ, lateritiæ, fusco conspersæ, spatio marginali lutescente; posticæ lutescentes.

Female. Cinereous. Vertex of the head and fore border of the thorax slightly tinged with red. Antennæ much shorter than the fore wings. Abdomen ferruginous above, extending much beyond the hind wings; sides and hind borders of the segments pale cinereous. Hind tibiæ slightly pilose. Wings moderately broad; fringe cinereous, brown towards the base. Fore wings slightly acute, of a hue between rose-colour and brick-red, minutely speckled with brown; exterior and marginal part mostly pale luteous, with the exception of a line along the exterior border; costa and exterior border slightly convex, the latter very oblique. Hind wings pale luteous. Length of the body 4 lines; of the wings 10 lines.

a—d. Sydney. From Mr. Lambert's collection.

65. *ŒCOPHORA TENTATELLA*.

Mas. *Aurato-flava*; palpi articulo 2o fusco; antennæ setulosæ; thorax purpureo-cupreus; pedes anteriores fusci; tibiæ posticæ late fimbriatæ; alæ anticæ fasciis duabus purpureo-cupreis connexis, 1a antice abbreviata intus nigro marginata; posticæ æneo-fuscæ.

Male. Gilded yellow. Palpi smooth, longer than the breadth of the head; second joint brown; third setiform, much shorter than the second. Antennæ minutely setulose. Thorax purplish cupreous, except in front. Anterior legs mostly brown; hind tibiæ broadly fringed. Fore wings slightly rounded at the tips, with two purplish cupreous bands; first band abbreviated in front, bordered with black on the inner side, connected on the interior border with the second, which is marginal; exterior border straight, slightly oblique; under side and hind wings æneous-brown; fringe pale cinereous. Length of the body 4 lines; of the wings 10 lines.

a. Moreton Bay. From Mr. Diggles' collection.

66. *ŒCOPHORA DIVISELLA*.

Mas. *Purpurascens*; caput aurato-flavum; antennæ subsetulosæ; tibiæ posticæ subpilosæ; alæ anticæ aurato-flavæ, basi, strigula costali fasciaque lata marginali purpurascentibus; posticæ æneæ.

Male. Purplish. Head, palpi and fore border of the thorax gilded yellow. Palpi slender, much longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ minutely setulose. Hind tibiæ slightly pilose. Wings elongate, moderately broad, rounded at the tips. Fore wings gilded yellow, purplish at the base, with a very small purplish streak on the costa before the middle, and with a broad purplish marginal band, which is slightly indented on its inner side and is partly abbreviated in front by a short yellow costal line; exterior border rather oblique. Hind wings æneous. Length of the body 3 lines; of the wings 10 lines.

a. Australia. From Mr. Damel's collection.

67. *ŒCOPHORA IRRUPTELLA*.

Fœm. *Purpurascens*; *caput flavescens*; *alæ sat angustæ, fimbriæ longissima*; *anticæ aurato-flavæ, vitta costali fasciæque latiusculâ marginali antice contractata purpurascens; posticæ æneæ.*

Female. Purplish. Head yellowish. Antennæ slender, shorter than the fore wings. Abdomen extending beyond the hind wings. Legs smooth. Wings elongate, rather narrow, rounded at the tips, fringe very long. Fore wings gilded yellow, with a purplish costal stripe, which is attenuated as it approaches the broad purplish marginal band; the latter is much contracted towards the costa; exterior border very oblique. Hind wings bright æneous. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. Tasmania. From the Entomological Society's collection.

68. *ŒCOPHORA CONJUNCTELLA*.

Mas. *Pallidissime cervina*; *palpi capitis latitudine duplo longiores*; *antennæ setulosæ, subserratæ, fusco annulatæ; tibiæ posticæ fimbriatæ; alæ anticæ amplæ, vix acutæ, subtus fuscescentes; posticæ flavescens.*

Male. Very pale fawn-colour. Palpi smooth, curved, rising high above the vertex, twice longer than the breadth of the head; third joint setiform, much shorter than the second. Antennæ setulose, minutely serrated, much shorter than the fore wings; each joint with a brown ring at the base. Abdomen extending very little beyond the hind wings. Hind tibiæ fringed. Wings elongated, ample. Fore wings hardly acute, brownish beneath; costa and exterior border hardly convex, the latter moderately oblique. Hind wings yellowish. Length of the body 4 lines; of the wings 12 lines.

a. Sydney. From Mr. Lambert's collection.

b. Sydney. From Mr. Diggles' collection.

c. Moreton Bay. From Mr. Diggles' collection.

69. *ŒCOPHORA LATIFISSELLA*.

Mas. *Pallide flava*; *palporum articulus 2us fuscus*; *antennæ pubescentes*; *thorax fusco fasciatus*; *tibiæ posticæ late fimbriatæ; alæ anticæ longæ, vitta costali fusca oblique interrupta; posticæ cinereæ, fimbria pallide flava.*

Male. Pale yellow. Palpi very slender, more than twice longer than the breadth of the head; second joint brown exteriorly, except at the tip; third much shorter than the second. Antennæ pubescent. Thorax with a brown band. Abdomen extending much beyond the hind wings; apical tuft rather long. Legs slender; hind tibiæ broadly fringed. Wings elongate, moderately broad, slightly rounded at the tips; a brown costal stripe, which is widely and obliquely interrupted at three-fourths of the length; exterior border hardly convex, very oblique. Hind wings cinereous; fringe pale yellow, broad. Length of the body 5 lines; of the wings 14 lines.

Very nearly allied to *Æ. conjunctella*.

a. Sydney. From Mr. Diggles' collection.

70. *ÆCOPHORA DECLIVISELLA*.

Mas. *Pallide aurato-flava; caput ochraceum; palpi antice nigricantes; antennæ subpubescentes; tibiæ posticæ pilosæ; alæ anticæ striga subapicali obliqua fusca; posticæ pallide ochraceæ.*

Male. Pale gilded yellow. Head ochraceous. Palpi slender, twice longer than the breadth of the head, blackish in front; third joint shorter than the second. Antennæ very minutely pubescent. Abdomen extending rather beyond the hind wings. Hind tibiæ pilose. Wings elongate, moderately broad, slightly rounded at the tips; fringe long. Fore wings with a brown oblique streak, which is attenuated from the tip of the costa to the disk opposite the interior angle; exterior border very oblique. Hind wings pale ochraceous. Length of the body 4 lines; of the wings 12 lines.

a. Sydney. From Mr. Diggles' collection.

71. *ÆCOPHORA MOLLICULELLA*.

Mas. *Pallide aurato-flava; palpi antice fusci; antennæ vix crenulatæ; abdomen supra fuscum, segmentis flavescente marginatis; alæ anticæ longæ, vittis tribus æneis, 1a 2aque abbreviatis, 1a subcostali interiore, 2a exteriori; posticæ læte flavæ, apice æneæ.*

Male. Pale gilded yellow. Palpi slender, twice longer than the breadth of the head, brown in front; third joint shorter than the second. Antennæ very minutely crenulated. Abdomen extending much beyond the hind wings, brown above; hind borders

of the segments and apical tuft pale yellow. Hind tibiæ fringed. Wings long, moderately broad, slightly rounded at the tips, with three æneous stripes; first stripe subcostal, extending along full half the length from the base; second commencing before the middle of the length and extending to the tip of the costa; third on the interior border; fringe æneous; exterior border extremely oblique. Hind wings gilded yellow, æneous towards the tips. Length of the body 5 lines; of the wings 14 lines.

a. Sydney. From Mr. Diggles' collection.

72. *ŒCOPHORA CARELLA*.

Pallidissime cinereo-cervina; tibiæ posticæ subfimbriatæ; alæ elongatæ, fimbria longa; anticæ costa vix convexa; posticæ æneo-tinctæ.

Very pale cinereous fawn-colour. Palpi slender, more than twice longer than the breadth of the head; third joint shorter than the second. Hind tibiæ slightly fringed. Wings elongated, moderately broad, slightly rounded at the tips; fringe long. Fore wings hardly convex along the costa; exterior border slightly convex, very oblique. Hind wings with an æneous tinge. Length of the body 5 lines; of the wings 15 lines.

a. Moreton Bay. From Mr. Diggles' collection.

73. *ŒCOPHORA PRODUCTELLA*.

Mas. Alba, sat gracilis; palpi articulo 3o subtus fusciscenti; antennæ glabræ, graciles; abdomen cinereum, basi fusciscenti, apice flavescens, lateribus subfasciculatis; pedes anteriores fusco substrigati; tibiæ posticæ flavescentes, late fimbriatæ; alæ anticæ longæ, angustæ, vix acutæ, vitta costali cervina; posticæ flavo-cinereæ.

Male and female. White, rather slender. Palpi smooth, slender, more than twice longer than the breadth of the head; second joint mostly brownish beneath; third setiform, much shorter than the second. Antennæ of the male setulose. Thorax with a brownish spot on each of the tegulæ. Abdomen cinereous, slightly tufted along each side, brownish towards the base, extending very much beyond the hind wings; apical tuft yellowish, rather long and slender. Legs slender; anterior legs slightly streaked with brown; hind tibiæ yellowish, broadly fringed. Wings long, narrow, hardly

te; costa with a fawn-coloured costal stripe; under side and hind wings yellowish cinereous. Length of the body 5—6 lines; of the wings 15—16 lines.

—c. Adelaide. Presented by the Entomological Club.

—d. Tasmania. From the Entomological Society's collection.

74. ŒCOPHORA MATUTINELLA.

Mas. *Aurato-flava; antennæ setulosæ; abdomen fuscum, segmentis aureo marginatis; tibiæ posticæ pilosæ; alæ anticæ subacutæ, roseo ex parte suffusæ, costa vix convexa, margine exteriori perobliqua.*

Male. Gilded yellow. Palpi smooth, much longer than the breadth of the head; third joint setiform, as long as the second. Antennæ setulose. Thorax and fore wings partly suffused with rosy red. Abdomen brown, hardly extending beyond the hind wings; base, tip and hind borders of the segments gilded yellow. Legs stout; hind tibiæ pilose. Wings elongate. Fore wings slightly acute; costa and exterior border very slightly convex, the latter very oblique. Length of the body 5 lines; of the wings 13 lines.

—a. Moreton Bay. From Mr. Diggles' collection.

—b. Sydney. From Mr. Lambert's collection.

75. ŒCOPHORA ADAPTATELLA.

Fœm. *Flava; thorax fusco fasciatus; tibiæ posticæ late fimbriatæ; alæ anticæ apice rotundatæ, vittis duabus argenteis, 1a costali, 2a discali abbreviata, vitta intermedia strigataque furcata ochraceis; posticæ æneæ.*

Female. Yellow, pale beneath. Antennæ much shorter than the fore wings. Thorax with a brown band in front. Hind tibiæ with a broad fringe. Fore wings rather narrow, rounded at the tips, with two silvery stripes; first stripe costal; second discal, abbreviated, bordered with brown in front; an intermediate ochraceous stripe, which is brown towards the base and is dilated towards the tip of the wing; a forked ochraceous streak extending from the anterior part of the second silvery streak to the end of the interior border; exterior border slightly convex, very oblique; under side and hind wings æneous, excepting the fringe. Length of the body 5 lines; of the wings 14 lines.

—a. Sydney. From Mr. Lambert's collection.

76. *ŒCOPHORA PARABOLELLA*,

Fœm. *Argenteo-alba; capitis discus cervinus; palpi ceratæ vittati; thorax ochraceo fasciatus; abdomen obscure cinereum, segmentis argenteo marginatis; pedes ochraceo strigati; tibiis posticis fimbriatis; alæ anticæ apice rotundatæ, vittis duabus connexis ochraceis; posticæ æneo-cinereæ.*

Female. Silvery white, smooth, rather stout. Disk of the head above fawn-colour. Palpi smooth, nearly twice longer than the breadth of the head; second joint mostly fawn-colour in front, third setiform, fawn-colour, a little shorter than the second. Thorax with a very broad ochraceous band. Abdomen, dark cinereous above, hind borders of the segments silvery. Legs streaked with ochraceous; posterior tibiæ rather broad; hind tibiæ fringed. Fore wings rounded at the tips, with two ochraceous stripes, which are united at the base and at the tips; under side blackish cinereous, excepting the costa and the fringe; exterior border slightly convex, very oblique. Hind wings cinereous, tinged with æneous; fringe pale. Length of the body 6 lines; of the wings 16 lines.

a. Tasmania. Presented by M. Allport, Esq.

77. *ŒCOPHORA SUBPARALLELA*.

Fœm. *Argenteo-alba; antennæ gracillimæ; thorax aureo bivittatus; alæ anticæ longæ, vittis septem auratis, 1a costali, 2a 3a 4aque connexis, 4a subfurcata, 5a subramosa, 6a brevissima; posticæ pallide cinereæ, extus subauratæ.*

Female. Silvery white. Palpi smooth, nearly twice longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ very slender. Thorax with a gilded stripe along each side. Legs short, stout, smooth. Wings elongate. Fore wings rounded at the tips, with seven gilded stripes; first strial; second united to the fourth near the base; third united to the fourth at somewhat beyond half the length; fourth slightly forked near its tip; fifth slightly branched near its tip; sixth very short; seventh on the interior border; exterior border slightly convex, rather oblique. Hind wings pale cinereous, slightly gilded exteriorly; fringe whitish. Length of the body 4—5 lines; of the wings 12—14 lines.

a, b. Moreton Bay. From Mr. Diggles collection.

78. *ŒCOPHORA PROPRIELLA*.

Mas. *Argenteo-alba; corpus pallide ochraceum; palpi fusco vittati; antennæ glabræ; thorax cervino fasciatus; abdomen fasciis saturate ochraceis; tibiæ posticæ fimbriatæ; alæ anticæ apice subrotundatæ, cervino bivittatæ; posticæ cinereæ, fimbria pallide ochracea.*

Male. Silvery white. Body pale ochraceous. Palpi slender, about twice longer than the breadth of the head; second joint brown beneath; third brown, setiform, almost as long as the second. Antennæ brown, smooth. Thorax with a broad fawn-coloured band. Abdomen extending a little beyond the hind wings; hind borders of the segments deep ochraceous. Hind tibiæ fringed. Fore wings slightly rounded at the tips, with two fawn-coloured stripes, one subcostal, the other near the interior border; exterior border slightly convex, rather oblique; under side dark cinereous. Hind wings cinereous; fringe pale ochraceous. Length of the body 5 lines; of the wings 12 lines.

a. Sydney. From Mr. Diggles' collection.

79. *ŒCOPHORA SUBNEXELLA*.

Fœm. *Argenteo-alba; abdomen pallide cervinum; alæ anticæ æneo-cervinæ, strigis pallidioribus, striga subcostali lanceolata, vitta media strigaeque postica intersecta argenteis; posticæ cinereo-æneæ, fimbria albida.*

Female. Silvery white. Abdomen pale fawn-colour above. Wings moderately broad, slightly rounded at the tips. Fore wings æneous fawn-colour, with paler streaks between the veins; a silvery lanceolate subcostal streak extending along half the length from the base; a silvery middle stripe, which is very obliquely intersected at one-third of the length and extends to the tip of the wing; a silvery streak very near the interior border, and extending along half the length from near the base of the latter. Hind wings cinereous-æneous; fringe whitish. Length of the body 5 lines; of the wings 14 lines.

a. Australia. From Mr. Milne's collection.

b. Sydney. From Mr. Lambert's collection.

80. *ŒCOPHORA NEXELLA*.

Fœm. *Argenteo-alba; alæ anticæ ochraceo-cervinæ, strigis quatuor subcostalibus vittisque duabus fimbriaque postica argenteis; posticæ pallidissime cervinæ.*

Female. Silvery white. Palpi nearly twice longer than the breadth of the head; third joint setiform, straight, as long as the second. Wings moderately broad. Fore wings ochraceous fawn-colour, rounded at the tips, with two silvery nearly parallel stripes; four silvery streaks between the first stripe and the costa; first streak parallel and very near to the costa; second slightly oblique, more than twice longer than the third and the fourth, which are near the tip; fringe silvery towards the interior angle; exterior border very oblique. Hind wings very pale fawn-colour. Length of the body 5 lines; of the wings 14 lines.

a. ———? From Mr. Milne's collection.

81. *ŒCOPHORA INTERLINEATELLA*.

Mas. *Ochraceo-cervina, subtus argentea; caput pallide ochraceum; palpi nigricantes; antennæ setulosæ; thoracis tegula intus argenteo marginatæ; tibiæ posticæ late fimbriatæ; alæ anticæ vittis duabus argenteis, 2a apicem non attingente posticæ excavata, striga exteriori transversa argentea puncta certins includente; posticæ pallide cinereo-cervinæ.*

Male. Ochraceous fawn-colour, silvery beneath. Head and fore border of the thorax pale ochraceous. Palpi blackish, except towards the base; third joint setiform, as long as the second. Antennæ setulose. Tegulæ of the thorax bordered with silvery on the inner side. Hind tibiæ broadly fringed. Wings moderately broad, slightly rounded at the tips. Fore wings tinged with æneous; a subcostal silvery stripe, which is nearer the costa towards the base than along the exterior part, but joins the costa at the tip; a hinder silvery stripe, which does not extend to the tip, and is obliquely excavated on its hinder side; a silvery curved streak, which extends along the hinder part of the exterior border, and is parallel to the exterior hinder side of the stripe, and contains some points of the ground hue; fringe and hind wings pale cinereous fawn-colour, with an æneous tinge. Length of the body 5 lines; of the wings 14 lines.

a. Sydney. From Mr. Diggles' collection.

82. *ECOPHORA AURINATELLA*.

Mas. *Aurato-lutea* ; *facies nigricans* ; *palpi ex parte nigricantes* ; *antennæ pubescentes* ; *tibiæ posticæ late fimbriatæ* ; *alæ anticæ latiusculæ, subacutæ, gutta discali cinereo-fusca* ; *posticæ obscure fuscæ, subtus apices versus luteæ*.

Male. Gilded luteous, mostly blackish beneath. Face blackish. Palpi smooth, curved, partly blackish, nearly twice longer than the breadth of the head ; third joint much shorter than the second. Antennæ minutely pubescent. Abdomen extending beyond the hind wings ; apical tuft small. Hind tibiæ broadly fringed. Wings rather broad. Fore wings slightly acute, with a transverse cinereous brown discal dot ; exterior border, fringe and apical part of the costa cinereous-brown ; exterior border slightly convex, rather oblique ; disk beneath dark brown. Hind wings dark brown, luteous beneath towards the tips. Length of the body $4\frac{1}{2}$ lines ; of the wings 13 lines.

a, b. Sydney. From Mr. Lambert's collection.

c. Moreton Bay.

83. *ECOPHORA XANTHIELLA*.

Mas. *Ochracea* ; *abdomen nigro-cinereum* ; *alæ anticæ strigula transversa discali exteriori fusca, fimbria nigricante* ; *posticæ nigro-cinereæ*.

Male. Ochraceous. Palpi nearly twice longer than the breadth of the head ; third joint setiform, shorter than the second. Antennæ smooth, shorter than the fore wings. Abdomen, hind wings and under side blackish cinereous. Fore wings slightly acute, with a short transverse brown streak in the disk beyond the middle ; fringe blackish, except towards the tips of the wings ; exterior border convex, rather oblique hindward. Length of the body 3 lines ; of the wings 10 lines.

a. Australia. From Mr. Damel's collection.

84. *ECOPHORA SUBPUNCTELLA*.

Mas. *Aurato-flava* ; *antennæ subsetulosæ* ; *tibiæ posticæ late fimbriatæ* ; *alæ anticæ latiusculæ, punctis quatuor discalibus strigisque postica exteriori undulata fuscis* ; *posticæ æneæ*.

Male. Gilded yellow, paler beneath. Palpi twice longer than the breadth of the head; second joint rather broad; third setiform, much shorter and more slender than the second. Antennæ very minutely setulose. Hind tibiæ broadly fringed. Wings rather broad, slightly rounded at the tips. Fore wings with four broad points in the disk; third and fourth behind the first and the second; second and fourth much more approximate than the first and third; a slight undulating brown line proceeding from the fourth point to the interior angle; exterior border slightly convex, rather oblique. Hind wings æneous. Length of the body 4 lines; of the wings 10 lines.

a. Sydney. From Mr. Lambert's collection.

85. *ŒCOPHORA ACCEPTELLA*.

Fœm. *Argenteo-alba, subtus cinereo-ænea; palpi capitis latitudine paullo longiores, articulo 2o apice subtus fimbriato; tibiæ posticæ subfimbriatæ; alæ anticæ acutæ, strigis tribus punctisque submarginalibus aurato-ochraceis; posticæ æneæ cinereæ.*

Female. Silvery white, cinereous-æneous beneath. Palpi curved, a little longer than the breadth of the head; second joint with a short and very thick fringe at the tip beneath; third lanceolate, shorter than the second. Antennæ much shorter than the fore wings. Hind tibiæ slightly fringed. Wings moderately broad. Fore wings acute, with three gilded ochraceous streaks; first streak extending from the middle of the costa nearly to the base of the interior border; second extending from the costa to the disk, where it is reflexed towards the interior angle; third short, extending obliquely from the disk to the end of the interior border; a row of submarginal gilded ochraceous points; exterior border very oblique. Hind wings æneous-cinereous; fringe very long. Length of the body 3 lines; of the wings 9 lines.

a. Moreton Bay. From Mr. Diggles' collection.

86. *ŒCOPHORA ANGUSTELLA*.

Mas. *Pallidissime cervina; antennæ pubescentes; tibiæ posticæ fimbriatæ; alæ anticæ fusco conspersæ, punctis tribus discalibus punctisque minimis marginalibus nigricantibus.*

Male. Very pale fawn-colour. Under side, abdomen and hind wings pale cinereous. Palpi very much longer than the breadth of the head; second joint slightly curved; third straight, setiform, much shorter than the second. Antennæ pubescent. Abdomen extending beyond the hind wings. Legs slender; hind tibiae angled. Wings elongate, rather narrow, rounded at the tips. Fore wings brown-speckled, with three blackish points; first point before one-third of the length; second a little before the middle; third beyond the middle; a row of very minute blackish marginal points; anterior border extremely oblique. Length of the body 4 lines; of the wings 12 lines.

Moreton Bay. From Mr. Diggles' collection.

87. *ŒGOPHORA SUBDUCTELLA*.

Fœm. *Argenteo-alba; caput et thorax ænea; alæ anticæ vitta strigas duas anticas obliquas emittente vittaque postica biangulata æneis; posticæ pallide cinereæ.*

Female. Silvery white. Head and thorax æneous. Legs pubescent. Wings moderately broad. Fore wings hardly acute, with an irregular middle æneous stripe, which emits two branches towards the costa; first branch inclined inward; second inclined outward; a hinder æneous stripe, which rests on the base of the anterior border and forms two angles; first angle connected with the anterior stripe; second touching the interior border near the interior angle of the wing; exterior border very oblique. Hind wings pale cinereous. Length of the body 4 lines; of the wings 12 lines.

Swan River. Presented by Sir. J. Richardson.

88. *ŒGOPHORA CONNEXELLA*.

Fœm. *Argenteo-alba; palporum articulus 2us ochraceus; abdomen flavo-cinereum; alæ anticæ striga antica obliqua, striga exterior obliqua angulata, macula apud angulum interiorem lineaque tenui submarginali aurato-ochraceis; posticæ flavo-cinereæ.*

Female. Silvery white. Palpi much longer than the breadth of the head; second joint ochraceous, except at the tip; third joint setiform, a little shorter than the second. Antennæ slender. Abdomen and hind wings yellowish cinereous. Legs smooth, slender. Wings narrow, slightly acute; fringe very long. Fore wings with

gilded ochraceous marks; a streak extending from the base of the costa to the base of the interior border; an oblique streak extending from the middle of the costa towards the base of the interior border; a more oblique streak extending from the tip of the wing to the disk, where it forms an acute angle, and is retracted to the hind part of the exterior border; a spot near the interior angle and an irregular slender submarginal line; exterior border extremely oblique. Length of the body 3 lines; of the wings 10 lines.

a. Moreton Bay. From Mr. Diggles' collection.

89. *ECOPHORA SEMIFUSELLA*.

Mas. *Roseo-rufa; antennæ pubescentes; abdomen aurato-flavum; alæ anticæ latæ, plaga maxima obliqua cinerea puncta de rufescentia includente, lineam transversam usque ad angulum anteriorem emittente; posticæ aurato-flavæ.*

Male. Rosy red. Palpi slender, much longer than the breadth of the head; third joint setiform, a little shorter than the second. Antennæ pubescent. Abdomen and hind wings gilded yellow. Wings broad. Fore wings acute, with a large cinereous patch which occupies the basal third part of the interior border, and then extends obliquely to two-thirds of the length of the costa, and then emits a transverse line to the interior angle; two reddish points in the patch, one before the middle of the wing, the other beyond the middle; costa rounded towards the base; exterior border straight slightly oblique. Length of the body 4 lines; of the wings 11 lines.

a. Moreton Bay. From Mr. Diggles' collection.

90. *ECOPHORA BRACTEATELLA*.

Mas. *Argenteo-alba; caput pallide luteum; antennæ subpubescentes; tibiæ posticæ fimbriatæ; alæ anticæ purpurascentes latiusculæ, strigis octo argenteis; posticæ æneo-cinereæ.*

Male. Silvery white. Head pale luteous. Palpi twice longer than the breadth of the head; third joint setiform, a little shorter than the second. Antennæ minutely pubescent. Hind tibiae fringed. Wings rather broad, slightly rounded at the tips. Fore wings purplish, with eight silvery streaks; first, second and third streaks extending along the costa; first attenuated towards the base; second nearly elliptical; third attenuated towards the tip; fourth and fifth triangular, behind the first and the second; fourth

extending to the interior border; fifth deeply excavated in front; sixth lanceolate, on the interior border, between the fourth and the fifth; seventh parallel to the exterior border; eighth marginal, not extending to the tip of the wing; exterior border straight, rather oblique. Hind wings æneous-cinereous. Length of the body 12 lines; of the wings 12 lines.

1. Sydney. From Mr. Lambert's collection.

2. Sydney. From Mr. Diggles' collection.

3. Australia. From Mr. Damel's collection.

91. *ŒCOPHORA GLORIOSELLA*.

Obscure purpurea; caput aurato-flavum; palpi capitis latitudine triplo longiores; alæ anticæ lituris novem elongatis aurato-flavis.

Dark purple. Head and fore border of the thorax gilded yellow. Palpi black, thrice longer than the breadth of the head; second joint gilded yellow at the base; third a little shorter than the second. Fore wings moderately broad, slightly acute, with nine elongated gilded yellow marks; first extending along the base of the costa; second along the base of the interior border; first, third and fourth forming an oblique band; another oblique band formed by the fifth, sixth and seventh, and a third band by the eighth and ninth marks; exterior border slightly convex, rather oblique. Length of the body 12 lines; of the wings 12 lines.

1. Tasmania. From the Entomological Society's collection.

92. *ŒCOPHORA ÆMULELLA*.

Mac. Argenteo-alba; antennæ subsetulosæ; thorax ochraceo fasciatus; tibiæ posticæ fimbriatæ; alæ anticæ fasciis tribus ochraceis nigricante submarginatis, 2a 3aque connexis, litura apicali ochracea.

Male. Silvery white. Palpi nearly twice longer than the breadth of the head; third joint setiform, nearly as long as the second. Antennæ minutely setulose. Thorax with a broad ochraceous band in front. Abdomen and hind wings æneous-cinereous, the former extending much beyond the latter. Hind tibiæ fringed. Wings elongate, moderately broad, slightly rounded at the tips. Fore wings with three ochraceous bands; first band basal, diffusedly blackish bordered on its outer side; second and third irregular,

partly and slightly blackish-bordered, connected together by a transverse hind streak; tips ochraceous; exterior border moderately oblique. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Sydney. From Mr. Lambert's collection.

New Zealand.

93. *ECOPHORA APERTELLA*.

Fœm. *Aurato-flava; abdomen cinereum; tibiæ posticæ rubinæ crassatæ; alæ anticæ subacutæ, margine exteriori peroblique, margine interiori extus subconcavo; posticæ cinereæ.*

Female. Golden yellow, sometimes very pale whitish beneath. Palpi slender, twice longer than the breadth of the head; third joint shorter than the second. Abdomen cinereous, extending a little beyond the hind wings. Hind tibiæ slightly incrassated. Wings elongate, moderately broad, slightly acute; fringe long. Fore wings with the exterior border very oblique; interior border slightly concave exteriorly. Hind wings cinereous. Length of the body 4 lines; of the wings 12 lines.

a—d. Auckland, New Zealand. From Mr. Oxley's collection.

94. *ECOPHORA ARMIGERELLA*.

Mas. *Aurato-flava; palpi capitis latitudine fere duplo longiores; abdomen nigro-cinereum; tibiæ posticæ fimbriatæ; alæ anticæ vix acutæ, punctulis discalibus costæque basi nigricantibus; posticæ nigricantes.*

Male. Gilded yellow. Palpi nearly twice longer than the breadth of the head; second joint much curved; third shorter than the second. Abdomen, hind wings and under side blackish cinereous. Abdomen extending a little beyond the hind wings. Hind tibiæ fringed. Fore wings moderately broad, hardly acute, with many minute blackish points; costa blackish towards the base. Hind wings blackish. Length of the body 3 lines; of the wings 10 lines.

Closely allied to the preceding species.

a. New Zealand. Presented by Col. Bolton.

95. *ECOPHORA ADEMPTELLA*.

Mas. *Purpureo-fusca; antennæ subpubescentes; alæ anticæ costæ vittæque apud marginem interiorem flavescens; posticæ cinereæ.*

Male. Purplish brown. Palpi slender, nearly twice longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ very minutely pubescent. Abdomen æneous, extending a little beyond the hind wings. Wings elongate, moderately broad, rounded at the tips; fringe long. Fore wings with the costa yellowish, except towards the base and towards the tip; a yellow stripe along the interior border, attenuated exteriorly, not extending to the interior angle; exterior border very oblique. Hind wings æneous. Length of the body 4 lines; of the wings 12 lines.

a, b. New Zealand. Presented by Col. Bolton.

96. ŒCOPHORA PICARELLA.

Mas. *Alba; palpi nigro bifasciati; thorax guttis duabus anticis, fascia maculaque postica nigris; pedes nigri, albo fasciati; alæ anticæ lituris exterioribus fasciisque quatuor deviis nigris, fascia 1a basali excavata, 2a 3a que valde angulosis, 4a antice furcata postice attenuata et abbreviata; posticæ apices versus aut omnino obscure cinereæ.*

Male. Pure white. Head black in front. Palpi much longer than the breadth of the head; second joint black towards the base; third setiform, with a black band, as long as the second. Antennæ black, smooth. Thorax with a black mark on each side in front, with a black band, and with a black hindward spot. Abdomen cinereous, extending a little beyond the hind wings. Legs black, stout, with some white bands; fore legs mostly white beneath, their tibiae slightly pilose. Wings elongate, rather broad. Fore wings slightly rounded at the tips, with four very irregular black bands and with some small exterior black marks; first band basal, deeply excavated; second and third deeply and very irregularly zigzag, the third with an elongated black spot behind it; fourth attenuated hindward, not extending to the interior border, forked in front, the inner fork interrupted; exterior marks along the costa between the third and fourth bands, and along the exterior border, which is slightly convex and oblique; under side blackish. Hind wings dark cinereous towards the tips, and with an oblique elongated spot of the same hue in the disk. *Var. β.*—Hind wings wholly dark cinereous. Length of the body 5 lines; of the wings 14 lines.

a. New Zealand. From Mr. Churton's collection.

b. Auckland, New Zealand. From Mr. Oxley's collection.

97. *ŒCOPHORA HAMATELLA*.

Mas. *Pallide flava; palpi gracillimi, capitis latitudine triple, longiores; antennæ graciles; pedes graciles, longiusculi, tibiis posticis squamosis; alæ anticæ subfalcatae, ochraceo fuscoque conspersæ, fasciis duabus ochraceis, 2a informi e strigis duabus obliquis lineolaque transversa fusca, linea strigisque quinque marginalibus ochraceis; posticæ albidæ.*

Male. Pale yellow. Palpi very slender, about thrice longer than the breadth of the head; third joint nearly as long as the second. Antennæ slender, hardly moniliform. Abdomen yellowish cinereous, extending much beyond the hind wings. Legs slender, rather long; hind tibiæ squamous. Wings elongate, rather broad. Fore wings subfalcate, with various ochraceous and brown speckles and with two ochraceous bands; first band slightly curved inward, bordered with brown on the outward side; second consisting of two streaks, which converge outward in the disk, and are connected on the inner side by a short transverse brown line; five marginal streaks and marginal line ochraceous; exterior border rather oblique. Hind wings whitish, subfalcate. Length of the body $4\frac{1}{2}$ lines; of the wings 11 lines.

a, b. Auckland, New Zealand. From Mr. Oxley's collection.

Genus 35. *ALLOCLITA*.

Alloclita, Std.

1. *ALLOCLITA RECISELLA*.

recisella, Std.

Genus 36. *ŒGOCONIA*.

Œgoconia, Sta.

1. *ŒGOCONIA QUADRIPUNCTA*.

quadripuncta, Hw.—bifasciella, St.—Kindermanniella, Zl.

a—h. England.

Genus 37. *ENDROSIS*.

Endrosis, Hb.

1. *ENDROSIS LACTEELLA*.

lacteella, W. V.—betulinella, Hb.—fenestrella, Sta.

a—k. England.

l, m. Europe. From M. Becker's collection.

Genus 38. ATEMELIA.

Atemelia, *H.-S.*

1. ATEMELIA OLEELLA.

Oleella, *Byr.*—*adpersella*, *H.-S.*

2. ATEMELIA TORQUATELLA.

Torquatella, *Zl.*—*fuscifrontella*, *Sta.*—*var. compressella*, *H.-S.*

Genus 39. STANTONIA.

Stantonia, *Std.*

1. STANTONIA MEDINELLA.

medinella, *Std.*

Genus 40. BUTALIS.

Butalis, *Tr.*—*Yponomeuta*, *Gd.*—*Scythris*, *Reutti*—*Galanthia*, *Hb.*
 —*Oxybelia*, *Hb.*—*Ochromolepis*, *Hb.*—*Scythropis*, *Hb.*—*Hypa-*
tima, *Hb.*—*Chionodes*, *Hb.*—*Porrectaria*, *Hw.*—*Gracillaria*,
Hw.—*Astyages*, *St.*—*Glyphipteryx*, *St.*—*Pancalia*, *Ct.*—*Lita*,
Dp.—*Exolmis*, *Dp.*—*Chrysesthia*, *H.-S.*

Europe and the neighbouring regions.

1 BUTALIS OBSCURELLA.

obscurella, *Sc.*—*Esperella*, *Hb.*—*extensella*, *Hb.**a, b.* Europe. From M. Becker's collection.

2. BUTALIS PRODUCTELLA.

productella, *Zl.*

3. BUTALIS GRANDIPENNIS.

grandipennis, *Hw.*—*herbosella* (*Gn.*), *H.-S.**a.* England. From Mr. Bouchard's collection.*b—k.* England.

4. BUTALIS AMPHONYCELLA.

amphonycella, *Hb.*—*viridatella*, *H.-S.*

5. BUTALIS SELINIELLA.

seliniella, Zl.

a, b. Europe. From M. Becker's collection.

6. BUTALIS FALLACELLA.

fallacella, *Schläger*.—*armatella*, H.-S.

7. BUTALIS ÆRARIELLA.

ærariella (Zl.), H.-S.

8. BUTALIS TABIDELLA.

tabidella (Zl.), H.-S.

9. BUTALIS FLAVIVENTRELLA.

flaviventrella (F. R.), H.-S.

10. BUTALIS APICALIS.

apicalis, Zl.

11. BUTALIS CUPRELLA.

cupreella, Std.

12. BUTALIS FUSCOÆNEA.

fuscoænea, Hw.

a—d. England. From Mr. Bouchard's collection.

13. BUTALIS SCHNEIDERI.

Schneideri, Zl.

14. BUTALIS SENESCENS.

senescens, Sta.—*seliniella*, Sta.

a. England. From Mr. Bouchard's collection.

b—e. England.

15. BUTALIS DISPARELLA.

disparella, Tgstr.

16. BUTALIS VAGABUNDELLA.

vagabundella (Zl.), H.-S.

17. BUTALIS POTENTILLÆ.

potentillæ, Zl.

18. BUTALIS DISSITELLA.

dissitella, Zl.

19. BUTALIS PASCUELLA.

pascuella, Zl.—gravatella, Mann.

20. BUTALIS GRAVATELLA.

gravatella, Zl.

21. BUTALIS TURGUSTINELLA.

turgustinella, Zl.

22. BUTALIS TRIBUTELLA.

tributella, Zl.

23. BUTALIS HIBERNELLA.

hibernella, Std.

24. BUTALIS TERRENELLA.

terrenella, Zl.

25. BUTALIS DENIGRATELLA.

denigratella (*Schläger*), H.-S.

26. BUTALIS PAULLELLA.

paullella (*F. R.*), H.-S.

27. BUTALIS HUMILLIMELLA.

humillimella, Std.

28. BUTALIS PALUSTRIS.

palustris, Zl.

29. BUTALIS PARVELLA.

parvella (*F. R.*), H.-S.

30. BUTALIS LAMINELLA.

laminella, *H.-S.*—laminella? *Hb.*

31. BUTALIS FUSCOCUPREA.

fuscocuprea, *Hw.*—crassiuscula, *H.-S.*—parvella? *H.-S.*
a—c. England. Fram Mr. Chant's collection.
f. England.

32. BUTALIS INCONGRUELLA.

incongruella, *Sta.*

33. BUTALIS INCLUSELLA.

inclusella, *Ld.*

34. BUTALIS CUSPIDELLA.

cuspidella, *W. V.*—bifariella, *Hb.*

35. BUTALIS KNOCHELLA.

Knochella, *F.*

36. BUTALIS PUNCTIVITTELLA.

punctivittella, *Costa*—Knochella, *Tr.*

37. BUTALIS CLAVELLA.

clavella, *Zl.*

38. BUTALIS FLABELLA.

flabella, *Mn.*

39. BUTALIS SCIPIONELLA.

Scipionella, *Std.*

40. BUTALIS XANTHOPYGELLA.

xanthopygella, *Std.*

41. BUTALIS RESTIGERELLA.

restigerella, *Melzn.*

42. BUTALIS HORNIGII.

Hornigii, *Zl.*

43. BUTALIS BIFORELLA.

biforella, *Std.*

44. BUTALIS SCOPOLELLA.

scopolella, *Hb.*—triguttella, *Dp.*

45. BUTALIS CHENOPODIELLA.

Chenopodiella, *Hb.*—variella, *W. V.*—tristella, *Tr.*—cylindrea?
Hw.—cylindrella, *St.*—limbella, *Zt.*—*g.* England.—*m.* Europe. From M. Becker's collection.

46. BUTALIS NORICELLA.

noricella, *F. R.*—*a.* Germany. From M. Heminghoffen's collection.

47. BUTALIS DISSIMILELLA.

dissimilella (*Heyden*), *H.-S.*

48. BUTALIS BIMERDELLA.

bimerdella, *Std.*

49. BUTALIS INSPERSELLA.

inspersella, *Hb.*

50. BUTALIS INSULELLA.

insulella, *Std.*

51. BUTALIS VARIELLA.

variella, *St.*—inspersella, *Sta.*

52. BUTALIS SICCELLA.

siccella, *Zl.*

53. BUTALIS PULICELLA.

pulicella, *Std.*

54. BUTALIS CICADELLA.

cicadella, *Zl.*

55. BUTALIS ACANTHELLA:

acanthella, *Gdt.*—gallicella, *Zl.*

56. BUTALIS DESIDELLA.

desidella, *Ld.*—inertella, *Zl.*

57. BUTALIS DORYCNIELLA.

Dorycniella, *Mlre.*

58. BUTALIS BASILARIS.

basilaris, *Zl.*

North America.

59. BUTALIS EBORACENSIS.

eboracensis, *Zl.*

New York.

60. BUTALIS IMPOSITELLA.

impositella, *Zl.*

New York.

61. BUTALIS MATUTELLA.

matutella, *Clms.*

United States.

62. BUTALIS FUSCICOMELLA.

fuscicomella, *Clms.*

United States.

63. BUTALIS FLAVIFRONTELLA.

flavifrontella, *Clms.*

United States.

Genus 41. HYPATIMA.

Hypatima, *Hb.*—Lita, *Tr.*—Ecophora, *Zl. olim.*—Butalis, *Zl.*

1. HYPATIMA BINOTELLA.

binotella, *Th.*—Mouffetella, *Hb.*

2. HYPATIMA INUNCTELLA.

inunctella, *Zl.*

Genus 42. BLASTOBLASTIS.

Blastoblastis, *Zl.*

1. BLASTOBLASTIS ROSCIDELLA.

roscidella, *Zl.*

2. BLASTOBLASTIS PHYCIDELLA.

phycidella, *Zl.*

Genus 43. PANCALIA.

Pancalia, *Ct.*

1. PANCALIA LATREILLELLA.

Latreillella, *Ct.*

a. England. From Mr. King's collection.

b, c. England. From Mr. Bouchard's collection.

2. PANCALIA LEUWENHOEKELLA.

Leuwenhoekella, *L.—Schmidtella, Tr.*

a—m. England. From Mr. King's collection.

n, o. England.

3. PANCALIA NODOSELLA.

nodosella, *H.-S.*

Genus 44. ERETMOCCERA.

Eretmocera, *Zl.*

1. ERETMOCCERA PRINCEPS.

E. *Œdematopoda princeps, Zl.*

Natal.

2. ERETMOCCERA FUSCIPENNIS.

fuscipennis, *Zl.*

South Africa.

3. ERETMOCCERA LÆTISSIMA.

lætissima, Zl.

South Africa.

4. ERETMOCCERA LUNIFERA.

lunifera, Zl.

South Africa.

5. ERETMOCCERA SCATOSPILA.

scatospila, Zl.

South Africa.

Genus 45. SETOMORPHA.

Setomorpha, Zl.

1. SETOMORPHA RUTELLA.

rutella, Zl.

South Africa.

Genus 46. COMPSOCTENA.

Compsoctena, Zl.

1. COMPSOCTENA PRIMELLA.

primella, Zl.

South Africa.

Genus 47. CRYPTOPHASA.

Cryptophasa, Lewin.

1. CRYPTOPHASA ALBACOSTA.

albacosta, Lewin.

a. Australia. Presented by E. Doubleday, Esq.

b. Moreton Bay. From Mr. Diggles' collection.

2. CRYPTOPHASA IRRORATA.

irrorata, Lewin.

a. Australia. From Mr. Damel's collection.

b, c. Australia. Presented by E. Doubleday, Esq.

d—h. Australia.

- i. Australia. From Mr. Hunter's collection.
 j. Tasmania. From Mr. A. J. Smith's collection.
 k. ——— ?

3. CRYPTOPHASA RUBESCENS.

rubescens, *Lewin*.

- a, b. Moreton Bay. From Mr. Diggles' collection.

4. CRYPTOPHASA PULTENÆÆ.

Pultenææ, *Thnb.*—*Pultenæ*, *Lewin*.

- a, b. Sydney. From Mr. Lambert's collection.
 c. Australia. Presented by E. Doubleday, Esq.
 d. Moreton Bay. From Mr. Diggles' collection.
 e. Australia.

5. CRYPTOPHASA ? STRIGATA.

strigata, *Lewin*.

- a. Sydney. From Mr. Diggles' collection.
 b. Sydney. From Mr. Lambert's collection.
 c, d. Australia. Presented by E. Doubleday, Esq.
 e. Australia. From Mr. Daniel's collection.

Genus 48. CRYPTOLECHIA.

Cryptolechia, *Zl.*

1. CRYPTOLECHIA SAREPTENSIS.

sareptensis, *Mschlr.*

Sarepta.

North America.

2. CRYPTOLECHIA LEUCILLANA.

leucillana, *Berl. Mus. MSS., Zl.*

Georgia.

3. CRYPTOLECHIA SCHLAGERI.

Schlageri, *Zl.*

New York.

4. CRYPTOLECHIA HUMILIS.

humilis, Zl.

South Carolina.

5. CRYPTOLECHIA ALGIDELLA.

Mas. *Argenteo-alba, gracilis; antennæ setulosæ; pedes breviusculi; alæ anticæ apice rotundatæ, fasciis nonnullis abbreviatis fuscescente-cinereis ex parte connexis, punctis marginalibus nigris; posticæ cinereæ.*

Male. Silvery white, rather slender. Palpi smooth, slender, longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ setulose. Abdomen extending beyond the hind wings; apical appendages large. Legs rather short. Wings moderately broad. Fore wings rounded at the tips, with several abbreviated irregular pale brownish cinereous bands, some of which are confluent; marginal points black; exterior border nearly straight, slightly oblique. Hind wings cinereous. Length of the body $4\frac{1}{2}$ lines; of the wings 13 lines.

a. Nova Scotia. From Lieut. Redman's collection.

Mexico.

6. CRYPTOLECHIA FRONTALIS.

frontalis, Zl.

Mexico.

West Indies.

7. CRYPTOLECHIA STRIGOSELLA.

Mas. *Cana, robusta; caput nigro bifasciatum, facie alba; palpi nigro trifasciati; tibiæ posticæ subfimbriatæ; alæ anticæ apice rotundatæ, strigulis plurimis longitudinalibus fuscis.*

Male. Hoary, stout. Head with two black bands on the vertex; face white. Palpi smooth, curved, with three black bands, a little longer than the breadth of the head; third joint nearly as long as the second. Antennæ much shorter than the fore wings. Hind tibiæ slightly fringed. Fore wings rounded at the tips, with numerous short fusiform longitudinal brown streaks; costa hardly convex; exterior border rather oblique. Hind wings very iridescent. Length of the body 5 lines; of the wings 12 lines.

a. St. Domingo. From Mr. Tweedie's collection.

South America.

8. CRYPTOLECHIA BYSSINA.

byssina, *Mus. Berl. Zl.*

Para.

9. CRYPTOLECHIA GEMINA.

gemina, *Zl.*

Colombia.

10. CRYPTOLECHIA FURVIDA.

furvida, *Zl.*

Brazil.

11. CRYPTOLECHIA MENDAX.

mendax, *Zl.*

Brazil.

12. CRYPTOLECHIA SPURCA.

spurca, *Zl.*

Colombia.

13. CRYPTOLECHIA DIREMPTA.

dirempta, *Zl.*

Brazil.

14. CRYPTOLECHIA ACHATINA.

achatina, *Zl.*

Colombia.

15. CRYPTOLECHIA FLAVA.

flava, *Zl.*

Brazil.

16. CRYPTOLECHIA TRIPUSTULATA.

tripustulata, *Zl.*

Venezuela.

17. CRYPTOLECHIA IMMUNDA.

immunda, *Zl.*

South America.

18. *CRYPTOLECHIA* *IGNOBILIS*.*ignobilis*, Zl.

Brazil.

19. *CRYPTOLECHIA* *PICTA*.*picta*, Zl.

Brazil.

20. *CRYPTOLECHIA* *TENERA*.*tenera*, Zl.

Brazil. Colombia.

21. *CRYPTOLECHIA* *BAHIENSIS*.*bahiensis*, Pty.*a.* Para. From Mr. Bates' collection.*b.* Santarem. From Mr. Bates' collection.22. *CRYPTOLECHIA* *RENSELARIANA*.*Renselariana*, Cramer.*a—c.* Ega. From Mr. Bates' collection.23. *CRYPTOLECHIA* *LOXOGRAMMOS*.*loxogrammos*, Zl.

Brazil.

24. *CRYPTOLECHIA* *DISJECTA*.*disjecta*, Zl.

Brazil.

Var.? Fœm. *Albida*; *abdomen fusco-cinereum*; *alæ anticae fusco strigatæ, albo-venosæ, apice subrotundatæ*; *posticae fusco-cinereæ*.

Female. Whitish. Abdomen brownish cinereous, extending a little beyond the hind wings. Wings broad. Fore wings slightly rounded at the tips, with six or seven brown streaks in front; two longer and hinder brown streaks extending from the base of the wing, narrowly divided from a large brown spot; a second large

brown spot beyond the first one and resting on the interior angle ; a row of submarginal brown streaks ; exterior border nearly straight, not oblique. Hind wings brownish cinereous ; fringe cinereous. Length of the body 4—5 lines ; of the wings 13—15 lines.

a. Villa Nova. From Mr. Bates' collection.

b. Para. From Mr. Bates' collection.

25. CRYPTOLECHIA LITURA.

litura, *Zl.*

America.

26. CRYPTOLECHIA ALBICILLA.

albicilla, *Zl.*

Venezuela.

27. CRYPTOLECHIA BICOLOR.

bicolor, *Zl.*

America.

28. CRYPTOLECHIA DECORA.

decora, *Zl.*

Brazil.

29. CRYPTOLECHIA INDECORA.

indecora, *Zl.*

Brazil.

30. CRYPTOLECHIA ALBELLA.

albella, *Zl.*

Surinam.

31. CRYPTOLECHIA GRANDIS.

grandis, *Pty.*

Brazil.

a. Ega. From Mr. Bates' collection.

32. CRYPTOLECHIA EXARATA.

exarata, *Zl.*

Brazil.

- a, b. Ega. From Mr. Bates' collection.
 c. Villa Nova. From Mr. Bates' collection,
 d. Santarem. From Mr. Bates' collection.
 e, f. West Coast of America. Presented by Capt. Kellett and
 Lieut. Wood.

33. CRYPTOLECHIA SESQUITERTIA.

sesquitertia, Zl.

Brazil.

34. CRYPTOLECHIA GRANDÆVA.

grandæva, Mus. Berl. (MSS.) Zl.

Brazil.

35. CRYPTOLECHIA TRISTRIGATA.

tristrigata, Zl.

a. (Var. ?) Brazil. From Mr. Mornay's collection.

36. CRYPTOLECHIA TECTELLIA.

Mas et fœm. *Pallidissime cervina; palporum articulus 2us exte-
 nigricans; alæ anticæ puncto discali nigricante, linea exterior
 undulata denticulata diffusa pallide fusca, linea submarginalis
 flexa e lunulis obscurioribus; posticæ punctis marginalibus
 fuscis vix conspicuis.* Mas.—*Alæ anticæ tegula costali magna
 reflexa.* Fœm.—*Alæ posticæ pallide æneo-fuscae.*

Male and female. Very pale fawn-colour. Palpi stout, smooth,
 nearly twice longer than the breadth of the head; second joint
 blackish on the outer side, except towards the tip; third lanceolate,
 shorter than the second. Abdomen extending much beyond the
 hind wings. Legs stout. Wings broad. Fore wings rectangular at
 the tips, with a blackish point in the disk, with a pale brown diffuse
 denticulated undulating transverse line beyond the point, and with
 a darker brown bent submarginal transverse line composed of
 lunules; marginal points blackish; exterior border not oblique
 except towards the interior angle. Hind wings with indistinct
 brown marginal points. *Male.*—Antennæ pubescent. Hind tibiae
 fringed. Fore wings with a large costal lappet closely applied to
 the wing, and extending along half the length from the base and
 nearly to the basal part of the interior border. *Female.*—Hind
 wings pale æneous-brown. Length of the body 8—8½ lines; of the
 wings 18 lines.

- a. Ega. From Mr. Bates' collection.
 b. Villa Nova. From Mr. Bates' collection.

37. CRYPTOLECHIA LEUCANIELLA.

Mas. *Albida, aeneo vix suffusa; palporum articulus 2us extus niger; antennæ pubescentes; tibiæ posticæ subfimbriatæ; alæ anticæ latæ, acute rectangulatæ, punctis tribus discalibus fuscis, punctis marginalibus nigris.*

Male. Whitish, with a very slight æneous tinge. Palpi smooth, twice longer than the breadth of the head; second joint black on the outer side, except at the tip; third setiform, shorter than the second. Antennæ pubescent. Hind tibiæ slightly fringed. Wings broad. Fore wings acutely rectangular at the tips, with two brown points in the disk, one before the middle, the other beyond the middle; a third brown point between the first and the second, but nearer the interior border; marginal points blackish; costa slightly convex towards the base; exterior border straight and not oblique, except towards the interior border. Length of the body 6 lines; of the wings 16 lines.

a. Venezuela. From Mr. Dyson's collection.

38. CRYPTOLECHIA NONAGRIELLA.

Fœm. *Pallide cervina; tibiæ posticæ fimbriatæ; alæ anticæ latiusculæ, apice rotundatæ, punctis tribus discalibus nigris, linea submarginali valde arcuata e punctis elongatis nigris, punctis marginalibus nigris; posticæ fuscescentes.*

Female. Pale fawn-colour, smooth, stout. Legs short, stout; hind tibiæ fringed. Wings rather broad. Fore wings rounded at the tips; three black points in the disk, one before the middle, the second beyond the middle; the third elongate, a little beyond the first, and much nearer the interior border; a deeply outward curved submarginal line composed of elongated black points; marginal points black; costa slightly convex along half the length from the base; exterior border convex, hardly oblique. Hind wings brownish. Length of the body 6 lines; of the wings 16 lines.

a. Ega. From Mr. Bates' collection.

39. CRYPTOLECHIA QUADRATELLA.

Mas. *Ochraceo-cervina; palporum articulus 2us extus fuscus; antennæ setulosæ; pedes robusti, tibiis tarsisque posticis fimbriatis; alæ anticæ apice rectangulatæ, punctis duobus nigris, maculis duabus fuscescentibus diffusis indistinctis, linea submarginali nigricante subdenticulata; posticæ fusco-cinereæ.*

Male. Ochraceous fawn-colour, stout, smooth. Palpi very much longer than the breadth of the head; second joint brown on the outside, except at the tip; third joint setiform, as long as the second. Antennæ minutely setulose. Abdomen hardly extending beyond the hind wings. Legs stout, rather short; hind tibiae and hind tarsi fringed. Wings broad. Fore wings acutely rectangular at the tips, with two black points in the disk; one before the middle, more hindward than the second, which is beyond the middle; two brownish diffuse and very indistinct spots, one beyond the first point, the other beyond the second point; a blackish submarginal transverse very slender minutely denticulated line on the exterior border and fringe dark cinereous, the former hardly oblique; costa slightly convex near the base. Hind wings brownish cinereous. Length of the body 8 lines; of the wings 18 lines.

a. Tapayos. From Mr. Bates' collection.

40. CRYPTOLECHIA HUMERELLA.

Mas. *Rufescente-cervina; antennæ pubescentes; abdomen aurato flavum; tibiæ posticæ subfimbriatæ, puncto discali strigato costali nigris, hac albo notata bis interrupta, costis subreflexa; posticæ aurato flavescentes.*

Male. Reddish fawn-colour, stout, smooth. Palpi smooth, much longer than the breadth of the head; third joint lanceolate, about half the length of the second. Antennæ minutely pubescent. Abdomen, legs and hind wings gilded yellowish. Hind tibiae slightly fringed. Wings rather broad. Fore wings somewhat rounded at the tips; a black point in the disk at a little before one-third of the length; a black white-marked, twice-interrupted costal streak in front of the point; costa slightly reflexed, very prominent toward the base; exterior border convex, not oblique. Length of the body 6 lines; of the wings 15 lines.

a. Ega. From Mr. Bates' collection.

41. CRYPTOLECHIA FERROCANELLA.

Mas. *Cana, robusta; antennæ subpubescentes; alæ anticæ latiusculæ, apice subrotundatæ, fasciis duabus latis cervinis, annulo intermedio cinereo, fascia 2a fusco marginata, punctis marginalibus fuscis.*

Male. Hoary, smooth, stout. Antennæ very minutely pubescent. Fore wings rather broad, slightly rounded at the tips, with

broad fawn-coloured bands ; first band extending hindward to second, from which it retreats towards the costa, and from which divided in the middle part by a large cinereous ringlet ; second extending nearly to the exterior border, except towards the tip, bordered by two brown lines, the inner line interrupted by the ringlet ; marginal points brown ; exterior border convex, not oblique. Length of the body 5 lines ; of the wings 15 lines.

Villa Nova. From Mr. Bates' collection.

42. CRYPTOLECHIA RECURVELLA.

Mas. *Cinereo-cervina ; palpi squamosi ; antennæ subpubescentes ; tibiæ posticæ squamosæ ; alæ anticæ apice rotundatæ, puncto discali, macula postica punctisque nonnullis submarginalibus nigris ; posticæ pallidiores.*

Male. Cinereous fawn-colour, stout. Palpi squamous, very much longer than the breadth of the head ; third joint setiform, little shorter than the second. Antennæ very minutely pubescent. Abdomen extending somewhat beyond the hind wings. Legs stout ; hind tibiæ squamous. Wings moderately broad. Fore wings rounded at the tips, with a small blackish spot at the end of the anterior border ; a denticulated submarginal line indicated by a few blackish points ; a blackish transverse point in the disk at two-thirds the length from the base ; exterior border convex, not oblique. Hind wings rather paler, with a slight æneous tinge. Length of body 6 lines ; of the wings 14 lines.

Eggs. From Mr. Bates' collection.

43. CRYPTOLECHIA SUPPRESSELLA.

Fem. *Pallidissime cervina ; tibiæ posticæ non fimbriatæ ; alæ anticæ apice subrotundatæ, costæ dimidio basali convexo ; posticæ fusæ.*

Female. Very pale fawn-colour, stout. Palpi smooth, nearly as long as the breadth of the head ; third joint setiform, nearly as long as the second. Abdomen extending a little beyond the hind wings. Legs stout ; hind tibiæ not fringed. Wings moderately broad. Fore wings slightly rounded at the tips ; costa convex along half the length from the base ; exterior border hardly convex, slightly oblique. Hind wings brown. Length of the body 5 lines ; of the wings 16 lines.

Eggs. From Mr. Bates' collection.

44. CRYPTOLECHIA COMPLETELLA.

Mas et fœm. *Cinereo-cervina, sericea; caput villosum; palpi articulus 2us pubescens; antennæ maris setulosæ; pedes æquali, tibiis posticis fimbriatis; alæ anticæ latæ, apice rotundatæ, lineis septem obliquis obscurioribus, 3a 4a 5aque post abbreviatis, strigis octo exterioribus obscurioribus, linea marginali cinerea costam versus valde retracta, linea marginali cinerea extus cervino marginata; posticæ cinereæ.*

Male and female. Cinereous fawn-colour, stout, silky. Beneath and legs whitish. Head thickly clothed with short, dark hairs. Palpi nearly twice longer than the breadth of the head; second joint pubescent; third setiform, nearly as long as the second. Antennæ of the male minutely setulose. Abdomen extending somewhat beyond the hind wings. Legs stout, squamous; hind tibia with a short fringe. Wings broad. Fore wings somewhat rounded at the tips, with seven oblique darker fawn-coloured lines; first and second lines more longitudinal than the others, near the interior border, on which they terminate; third, fourth and fifth short; sixth and seventh extending nearly to the interior angle; eight and nine fawn-coloured longitudinal streaks between the seventh line and submarginal line, which is cinereous and is denticulated on its inner side, and is retracted towards the costa as far as the seventh line. Marginal line cinereous, bordered with dark fawn-colour on outer side; exterior border straight, not oblique. Hind wings cinereous. Length of the body 7 lines; of the wings 16 lines. *a, b.* Ega. From Mr. Bates' collection.

45. CRYPTOLECHIA VENOSELLA.

Fœm. *Alba, sat robusta; palporum articulus 2us extus nigricans; alæ anticæ latæ, apice rotundatæ, venis; linea transversa undulata, striga punctoque nigricantibus, punctis marginalibus nigris; posticæ æneo-cinereæ, basi albæ.*

Female. White, rather stout. Palpi smooth, slender, nearly twice longer than the breadth of the head; second joint blackish on the outer side, except towards the tip; third setiform, as long as the second. Abdomen hardly extending beyond the hind wings. Legs stout. Wings broad. Fore wings rounded at the tips; veins blackish, except towards the exterior border; a deeply undulate transverse blackish line limiting the blackish hue of the veins; a short blackish streak in the disk before the middle, more hind

on a small blackish dot which is beyond the middle; marginal line black; exterior border convex, very slightly oblique. Hind wings æneous-cinereous, except towards the base. Length of the body 6 lines; of the wings 16 lines.

Eggs. From Mr. Bates' collection.

46. CRYPTOLECHIA CHALYBÆELLA.

Form. Cupreo-fusca, subtus argenteo-alba; pedes supra fusci, albido fasciati; alæ anticæ latæ, apice subrotundatæ, striga discali transversa lineaque marginali antice dilatata ferrugineis; posticæ cupreæ, fimbria cinerea.

Female. Cupreous-brown, stout. Head, body beneath, palpi and legs silvery white. Palpi squamous, longer than the breadth of head; third joint lanceolate, shorter than the second. Abdomen extending a little beyond the hind wings. Legs stout; tibiæ and tarsi brown above, with whitish bands. Wings broad. Fore wings slightly rounded at the tips, tinged with chalybeous; a transverse ferruginous streak in the disk at two-thirds of the length; a ferruginous marginal line, dilated towards the costa; a short black more or less distinct longitudinal streak in the disk before the middle; anterior border convex, not oblique. Hind wings cupreous; fringe black cinereous. Length of the body 5 lines; of the wings 15 lines.

Eggs. From Mr. Bates' collection.

47. CRYPTOLECHIA BASIRUBRELLA.

Mas. Fusca, subtus argenteo-alba; palpi squamosi, articulo 2o extus nigricante, 3o basi apiceque nigro; antennæ pubescentes; thorax rufo-ferrugineus; abdomen alas posticas dimidio superans; pedes supra fusci albo fasciati; alæ anticæ latiusculæ, apice subrotundatæ, basi ferruginæ, atomis, lineis duabus transversis punctisque marginalibus albidis.

Male. Brown. Head silvery white in front, beneath and on each side. Palpi, pectus, abdomen beneath and legs silvery white. Palpi squamous, much longer than the breadth of the head; second joint blackish on the outer side, except towards the tip; third lanceolate, black at the base and towards the tip, much shorter than the second. Antennæ pubescent. Thorax reddish ferruginous. Abdomen extending for half its length beyond the hind wings; anal appendages large. Legs stout; tibiæ and tarsi brown above, with white bands. Wings rather broad; fringe cinereous. Fore wings slightly rounded at the tips, reddish ferruginous for one-third

of the length from the base, this hue bounded by an angular transverse whitish line; a slightly curved transverse submarginal whitish line; space between the two lines irregularly whitish-speckled; marginal points whitish, diffuse; exterior border hardly convex, oblique. Length of the body 7 lines; of the wings 14 lines.

a. Ega. From Mr. Bates' collection.

48. CRYPTOLECHIA IMPRESSELLA.

Fœm. Cervina, sat robusta; caput et thorax anticus cana; abdomen fuscum; alæ anticæ latæ, apice rotundatæ, vitta costalis cana nigro conspersa et strigata, plagis tribus costalibus lineisque posteriore interrupta nigris, linea submarginali anguloligata punctisque marginalibus nigris.

Female. Fawn-colour, rather stout. Head and fore part of the thorax hoary. Palpi smooth, slender, very much longer than the breadth of the head; third joint setiform, shorter than the second. Abdomen brown, extending very little beyond the hind wings. Legs stout. Wings broad. Fore wings rounded at the tips, with a hoary costal stripe, which is speckled and streaked with black; three black costal patches, the third partly contained in the stripe which does not extend to the tip; a black abbreviated and interrupted longitudinal line in the disk, and a brown transverse zigzag submarginal line; marginal points brown; exterior border convex, oblique. Hind wings brown. Length of the body 6 lines; of the wings 14 lines.

a. Para. From Mr. Johnson's collection.

49. CRYPTOLECHIA LATIVITTELLA.

Fœm. Fusca, subtus argenteo-alba; abdomen fusco-cinereum; pedes fusco fasciati; alæ anticæ latiusculæ, subnebulosæ, apice subrotundatæ, vitta lata costali alba basin versus abbreviata punctis marginalibus nigris; posticæ æneo-fuscescentes.

Female. Brown. Head in front, body beneath, palpi and legs silvery white. Palpi smooth, slender, very much longer than the breadth of the head; third joint setiform, shorter than the second. Abdomen brownish cinereous, extending very little beyond the hind wings. Anterior tibiæ and tarsi with brown bands; hind tibiæ somewhat incrassated. Wings rather broad. Fore wings slightly rounded at the tips, indistinctly mottled, with a broad white costal stripe, which extends from one-third of the length to the tip and slightly decreases in breadth outwardly; a row of white points along

exterior border; costa slightly convex for half the length from base; exterior border almost straight, moderately oblique. Hind wings brownish, with an æneous tinge. Length of the body 6 lines; the wings 16 lines.

Venezuela. From Mr. Dyson's collection.

Brazil. Presented by H. Low, Esq.

50. CRYPTOLECHIA REDUCTELLA.

Mas. Alba, sat robusta; palpi squamosi; antennæ subpubescentes; abdomen alas posticas dimidio superans; tibiæ posticæ fimbriatæ; alæ anticæ apice rotundatæ, maculis duabus posticis strigisque duabus obliquis fuscis, punctis marginalibus nigris.

Male. White, rather stout. Palpi squamous, longer than the breadth of the head; third joint setiform, as long as the second. Antennæ very minutely pubescent; first joint long, stout. Abdomen extending for half its length beyond the hind wings. Legs rather long and stout; hind tibiæ fringed. Wings moderately broad. Fore wings much rounded at the tips; two large brown spots on the interior border, one in the middle, the other about the anterior angle; an oblique irregular brown streak extending from the exterior disk to the second spot; a more outward streak composed of brown points extending to the further end of the second spot; marginal points black; exterior border very convex, not oblique. Length of the body 7 lines; of the wings 14 lines.

Eggs. From Mr. Bates' collection.

51. CRYPTOLECHIA PAUPERATELLA.

Mas. Albida; palporum articulus 2us extus nigricans; antennæ pubescentes; pedes breves, robusti; alæ anticæ latiusculæ, apice rotundatæ, punctis duobus discalibus lineaque submarginali arcuata punctulari fuscis; posticæ albæ.

Male. Whitish, stout. Palpi smooth, nearly twice longer than the breadth of the head; second joint blackish on the outside, except towards the tip; third setiform, as long as the second. Antennæ pubescent. Abdomen extending beyond the hind wings; appendages rather large. Legs stout, short. Wings rather broad. Fore wings rounded at the tips, with two brown points in the disk, one before the middle, the other beyond the middle; a curved submarginal line of brown points; exterior border convex, not oblique.

Hind wings white. Length of the body $5\frac{1}{2}$ lines; of the wings 12 lines.

a. Ega. From Mr. Bates' collection.

52. CRYPTOLECHIA DEPRESSARIELLA.

Fœm. *Testaceo-cinerea, subtus argentea; alæ anticæ elongatæ apice rotundatæ, guttis tribus punctoque discalibus nigris; lituris subcostalibus lineaque transversa valde flexu cervinis nigro atomariis, lineis submarginali et marginali nigris punctularibus; posticæ pallidiores.*

Female. Testaceous-cinereous. Head, body beneath and legs silvery. Legs stout. Wings elongate, moderately broad. Fore wings rounded at the tips, with three black dots in the disk; first dot very near the base; second before the middle; a black point very little beyond the second dot, but much nearer the interior border; some fawn-coloured marks and black speckles near the costa, and a semielliptical transverse line of the same hue beyond the third dot; submarginal and marginal line composed of black points extending along the terminal part of the costa, which is hardly convex; exterior border slightly convex, rather oblique. Hind wings paler. Length of the body 5? lines; of the wings 13 lines.

a. Ega. From Mr. Bates' collection.

53. CRYPTOLECHIA STRAMINELLA.

Mas. *Pallide straminea; antennæ setulosæ; abdomen alas posticas longe superans; tibiæ posticæ vix fimbriatæ; alæ anticæ latiusculæ, vix acutæ, punctis quatuor nigris, 1a basali, lineis submarginali arcuata e punctis nigris; posticæ albidæ.*

Male. Pale straw-colour. Palpi smooth, twice longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ minutely setulose. Abdomen extending much beyond the hind wings; apical tuft small. Legs rather stout; hind tibiæ hardly fringed. Wings rather broad. Fore wings hardly acute, with four black points; first point close to the base; second at one-fourth of the length; third a little beyond the second and more hindward; fourth beyond the middle; an incomplete outward-curved row of submarginal black points; exterior border rather oblique. Hind wings whitish. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines.

a. Ega. From Mr. Bates' collection.

54. CRYPTOLECHIA TORTRICELLA.

Fœm. *Albido-flavescens*; palporum articulus 2us extus fuscus; tibiæ posticæ subfimbriatæ; alæ anticæ latæ, acute rectangulatæ, maculis quatuor costalibus atris, linea submarginali subarcuata e punctis nigris, fimbria nigro-cuprea; posticæ æneo subinctæ, fimbria antice cuprea.

Female. Whitish yellow. Palpi smooth, twice longer than the breadth of the head; second joint brown on the outer side except at the tip; third setiform, as long as the second. Abdomen extending beyond the hind wings. Legs short, stout; hind tibiae slightly fringed. Wings broad. Fore wings acutely rectangular at the tips, with four deep black costal marks; first mark basal; second larger than the fourth, and much larger than the first and third; a submarginal slightly outward-curved line of black points, ending in the fourth costal mark; fringe blackish cupreous; exterior border straight, hardly oblique. Hind wings with a slight æneous tinge; fringe cupreous along the fore part of the exterior border. Length of the body $4\frac{1}{2}$ —6 lines; of the wings 15 lines.

b. Para. From Mr. Bates' collection.

Ega. From Mr. Bates' collection.

Brazil. From Mr. Argent's collection.

55. CRYPTOLECHIA TETRAGONELLA.

Mas. *Pallidissime cervina*; antennæ subpubescentes; tibiæ posticæ non fimbriatæ; alæ anticæ latiusculæ, apice rectangulatæ, guttis duabus costalibus elongatis fuscis.

Male. Very pale fawn-colour, stout. Palpi smooth, nearly twice longer than the breadth of the head; third joint setiform, nearly as long as the second. Antennæ very minutely pubescent. Abdomen extending rather beyond the hind wings; apical tuft rather slender. Legs stout; hind tibiae not fringed. Wings rather broad. Fore wings rectangular at the tips, with two elongated brown costal dots; first dot beyond the middle; second near the tip; exterior border almost straight, not oblique. Hind wings a little darker. Length of the body 5 lines; of the wings 12 lines.

Ega. From Mr. Bates' collection.

56. CRYPTOLECHIA? SUBNOTATELLA.

Mas. *Subflavescente-albida; palpi capitis latitudine multo longiores, articulo 2o extus fusco; antennæ pubescentes; alæ anticae apice rotundatae, punctis quatuor discalibus duobusque costalibus nigricantibus.*

Male. Whitish. Head, thorax and fore wings with a very slight buff tinge. Palpi smooth, rising a little higher than the vertex; very much longer than the breadth of the head; second joint brown on the outer side, except towards the tip; third lanceolate, nearly as long as the second. Antennæ minutely pubescent, much shorter than the fore wings. Abdomen extending much beyond the hind wings. Legs smooth. Fore wings rounded at the tips; three blackish points in a line along the disk; an elongated blackish-dot between the first and second points, but nearer the interior border; two blackish costal points, the first nearly opposite the dot; costal and exterior border very slightly convex, the latter hardly oblique. Length of the body 4 lines; of the wings 8 lines.

a. Ega. From Mr. Bates' collection.

57. CRYPTOLECHIA LEUCOPHÆLLA.

Fœm. *Argenteo-alba, sat robusta; abdomen nigrum, alæ posticae vix superans; pedes breviusculi, tibiis posticis fimbriatis; alæ posticae æneo-nigræ, fimbria cinerea.*

Female. Silvery white, rather stout. Palpi smooth, slender, longer than the breadth of the head; third joint setiform, much shorter than the second. Antennæ black. Abdomen black, hardly extending beyond the hind wings. Legs short; hind tibiæ fringed. Wings broad. Fore wings slightly acute; exterior border straight, slightly oblique; under side and hind wings æneous-black; fringe of the latter cinereous. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines.

a. Santarem. From Mr. Bates' collection.

58. CRYPTOLECHIA ARATELLA.

Mas. *Albida; palporum articulus 2us subfimbriatus, 3us basi nigricans; antennæ subpubescentes; thorax fuscescens; alæ anticae postice fuscescentes, strigis plagaque postica nigricantibus.*

Male. Wood-colour. Head, palpi, abdomen, legs and hind wings whitish. Palpi twice longer than the breadth of the head; third joint with a short fringe beneath; third setiform, blackish at the base, nearly as long as the second. Antennæ minutely pubescent. Thorax brownish. Legs short, stout. Wings moderately broad. Fore wings rounded at the tips, whitish in front, brownish hindward, with some irregular blackish streaks and with a blackish patch on the middle of the interior border; costa very convex towards the base; exterior border extremely oblique hindward. Length of the body 3 lines; of the wings 10 lines.

Eggs. From Mr. Bates' collection.

59. CRYPTOLECHIA FUSISTRIGELLA.

Pallidissime cervina, sat robusta; antennæ pubescentes; tibiæ posticæ brevissime fimbriatæ; alæ anticæ latæ, apice rectangulatæ, fascia obliqua obscure cervina, puncto discali exteriori nigricante, punctis marginalibus obscure cervinis; posticæ flavo-cinereæ.

Male. Very pale fawn-colour, rather stout. Palpi smooth, nearly twice longer than the breadth of the head; third joint setiform, a little shorter than the second. Antennæ minutely pubescent. Abdomen extending a little beyond the hind wings; apical tuft rather narrow. Legs stout; hind tibiæ with a very short fringe. Wings broad. Fore wings rectangular at the tips, with a diffuse oblique dark fawn-coloured band, which extends from before the middle of the costa to the base of the interior border; a blackish point in the disk at two-thirds of the length; marginal points dark fawn-colour, very minute; exterior border nearly straight, hardly oblique. Hind wings yellowish cinereous. Length of the body 5—6 lines; of the wings 12—14 lines.

♂, ♀. Eggs. From Mr. Bates' collection.

60. CRYPTOLECHIA ARMIFERELLA.

Fœm. *Pallide cervina; palpi capitis latitudine fere duplo longiores; alæ anticæ apice rectangulatæ, dimidio exteriori pallide testaceo-cinereo, lineis duabus transversis denticulatis, strigis duabus posticis, punctis duobus discalibus punctisque elongatis costalibus punctisque marginalibus nigris; posticæ æneæ.*

Female. Pale fawn-colour, closely allied to *C. additella*. Palpi much curved, nearly twice longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ much shorter than the fore wings. Abdomen extending a little beyond the hind wings. Wings moderately broad. Fore wings rectangular at the tips; nearly half the length from the exterior border pale testaceous cinereous, with two transverse denticulated darker lines; some elongated black costal points; a black streak by the interior angle and another near the base of the interior border; two black discal points, one in the middle, the other exterior; marginal points black; exterior border oblique hindward. Hind wings æneous. Length of the body 5 lines; of the wings 12 lines.

a. Ega. From Mr. Bates' collection.

61. CRYPTOLECHIA ADUSTELLA.

Mas. *Pallidissime cinereo-cervina; antennæ pubescentes; alæ anticæ fascia lata nigricante indeterminata strigulas includente postice dilatata.*

Male. Very pale cinereous fawn-colour. Palpi smooth, much longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ stout, pubescent. Wings rather broad. Fore wings rounded at the tips, with a broad blackish band, which contains several longitudinal streaks of the ground hue, and is much dilated towards the interior border, and has an irregular outline; a few blackish submarginal points forming a line which is retracted to the band near the costa; costa slightly convex; exterior border convex, very oblique hindward. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. Venezuela. From Mr. Dyson's collection.

62. CRYPTOLECHIA ADJUNCTELLA.

Mas. *Pallide cinereo-cervina, vix robusta; caput antice album; palporum articulus 3us basi apiceque niger; antennæ pubescentes; alæ anticæ apice subrotundatæ, plaga basali cervina nigro strigata, puncto exteriori nigro, spatio adhuc exteriori cervino lineam transversam strigasque albas includente, punctis marginalibus nigris albido marginatis; posticæ albidæ, apices versus subcervinæ.*

Male. Pale cinereous straw-colour, hardly stout. Head white and shining in front. Palpi smooth, very much longer than the breadth of the head; third joint setiform, black at the base and at the tip, shorter than the second. Antennæ pubescent. Abdomen extending much beyond the hind wings. Wings moderately broad. Fore wings slightly rounded at the tips, with a fawn-coloured basal patch, which is accompanied by black streaks; a black point in the disk beyond the middle; exterior space fawn-coloured, whitish-streaked, traversed by an outward-curved whitish line; marginal points black, whitish-bordered; exterior border slightly convex, hardly oblique. Hind wings whitish; exterior part tinged with pale fawn-colour. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines.

a. Ega. From Mr. Bates' collection.

63. CRYPTOLECHIA ADDITELLA.

Fœm. *Pallide cervina; caput antice albidum; palpi capitis latitudine duplo longiores; alæ anticæ apice subrotundatæ, strigulis punctisque discalibus indistinctis punctisque marginalibus cervinis, striga disculi strigaeque exteriore fuscis; posticæ æneo-fuscæ.*

Female. Pale fawn-colour. Head in front, palpi, body beneath and legs whitish. Palpi smooth, much curved, about twice longer than the breadth of the head; third joint setiform, much shorter than the second. Antennæ slender, much shorter than the fore wings. Abdomen extending somewhat beyond the hind wings. Legs smooth. Fore wings moderately broad, slightly rounded at the tips, with indistinct fawn-coloured streaklets and points, some of the latter forming a transverse curved exterior line; a brown discal streak near the base and a brown exterior discal streak; marginal points fawn-coloured; exterior border slightly convex, not oblique. Hind wings æneous-brown. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Ega. From Mr. Bates' collection.

64. CRYPTOLECHIA ABSCONDITELLA.

Mas et fœm. *Pallide cervina; alæ anticæ latiusculæ, apice rotundatæ, striga basali punctisque duobus exterioribus nigris, linea submarginali cinerea arcuata, punctis marginalibus fuscis. Mas.—Antennæ setulosæ; abdomen albidum; tibiæ posticæ subfimbriatæ; alæ posticæ albidae, extus subcervinae. Fœm.—Abdomen et alæ posticæ fusca.*

Male and female. Pale fawn-colour. Palpi smooth, slender, twice longer than the breadth of the head; third joint setiform, as long as the second. Abdomen extending much beyond the hind wings. Wings rather broad. Fore wings rounded at the tips, pale along the basal part of the costa, with a black streak in the disk near the base, with two black points in the exterior part of the disk, and with a cinereous curved submarginal line, which is retracted towards the costa; a row of dark brown points along the exterior border and along the adjoining part of the costa; costa slightly convex towards the base; exterior border hardly convex, not oblique. *Male.*—Antennæ setulose. Abdomen whitish. Hind tibiæ slightly fringed. Hind wings whitish, tinged with fawn-colour exteriorly. *Female.*—Abdomen and hind wings brown. Length of the body 4 lines; of the wings 11 lines.

a, b. Ega. From Mr. Bates' collection.

65. CRYPTOLECHIA INCENSATELLA.

Fœm. *Læte rosea, subtus argentea; palpi longissimi; tibiæ posticæ fimbriatæ; alæ anticæ elongatæ, sat latæ, apice subrectangulatæ, margine exteriori recto vix obliquo.*

Female. Brilliant rosy. Head in front, body beneath, palpi and legs silvery. Palpi smooth, much more than twice longer than the breadth of the head; third joint setiform, shorter than the second. Abdomen extending rather beyond the hind wings. Hind tibiæ fringed. Wings elongate, rather broad; fringe cinereous. Fore wings nearly rectangular at the tips; exterior border straight, hardly oblique. Length of the body 5 lines; of the wings 14 lines.

Allied to *C. fervida*.

a—e. Ega. From Mr. Bates' collection.

66. CRYPTOLECHIA LUCIDIORIELLA.

Fœm. *Alba, sat gracilis; tibiæ posticæ squamosæ, subdilatata; alæ anticæ latæ, cervinæ, apice subrectangulatæ, costa margineque interiore albis, fasciis duabus nigricantibus excavatis subobliquis, punctis marginalibus nigris.*

Female. White, rather slender. Palpi smooth, slender, twice longer than the breadth of the head; third setiform, shorter than the second. Hind tibiæ squamous, slightly dilated. Wings broad. Fore wings fawn-colour, nearly rectangular at the tips, irregularly

white along the costa and along the interior border; two much excavated blackish slightly oblique bands; one at one-third of the length; the other at two-thirds of the length of the wing; marginal points black; exterior border almost straight, hardly oblique. Length of the body 5 lines; of the wings 12 lines.

Para. From Mr. Johnson's collection.

67. CRYPTOLECHIA NITIDORELLA.

Mas. *Argenteo-alba; antennæ vix pubescentes; tibiæ posticæ robustæ, non fimbriatæ; alæ anticæ apice rotundatæ, costa subconvexa; posticæ semihyalinæ.*

Male. Silvery white, stout. Palpi smooth, slender, much longer than the breadth of the head; third joint setiform, a little shorter than the second. Antennæ hardly pubescent. Abdomen extending beyond the hind wings. Hind tibiæ stout, not fringed. Wings moderately broad, very thinly clothed. Fore wings rounded at the tips; costa slightly convex and reflexed; exterior border convex, not oblique. Hind wings semihyaline. Length of the body 5 lines; of the wings 11 lines.

a. Ega. From Mr. Bates' collection.

68. CRYPTOLECHIA PUSTULATELLA.

Fæm. *Argenteo-alba; tibiæ posticæ fimbriatæ; alæ anticæ longæ, sat angustæ, apice rotundatæ, guttis decem cinereis elongatis, spatio exteriori non guttato; posticæ æneo subtinctæ.*

Female. Silvery white. Palpi smooth, slender, full twice longer than the breadth of the head; third joint setiform, a little shorter than the second. Abdomen extending rather beyond the hind wings. Legs hardly stout; hind tibiæ fringed. Wings long, rather narrow. Fore wings rounded at the tips, with ten cinereous elongated dots, which are between the base and two-thirds of the length; exterior border convex, not oblique. Hind wings with a slight æneous tinge. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. Ega. From Mr. Bates' collection.

69. CRYPTOLECHIA QONSOCIELLA.

Mas. *Flavescente-alba; caput argenteo-album; antennæ subpubescentes; alæ anticae vix acutæ, guttis duabus discalibus linea submarginali punctulari valde flexa punctisque marginalibus nigris; posticæ albidæ, subhyalinæ.*

Male. Yellowish white. Head silvery white. Palpi smooth slender, nearly twice longer than the breadth of the head; third joint setiform, nearly as long as the second. Antennæ very minute, pubescent. Abdomen extending rather beyond the hind wings, apical tuft minute. Wings moderately broad. Fore wings hard, acute, with two black dots in the disk; first dot before one-third of the length; second larger, at two-thirds of the length; a semi-elliptical line of black points, curved round the outer side of the second dot; a more distinct curved submarginal line of black points, marginal points also black; exterior border slightly convex and oblique. Hind wings whitish, slightly hyaline. Length of the body 4 lines; of the wings 10 lines.

a. Ega. From Mr. Bates' collection.

70. CRYPTOLECHIA BREVISSELLA.

Mas. *Pallidissime ochracea, subtus argenteo-alba; caput antice album; antennæ setulosæ; tibiæ posticæ subfimbriatæ; alæ anticae breviusculæ, apice rotundatæ, puncto basali, gutta discali lineaque submarginali punctulari nigris, macula costali fusca; posticæ pallidiores, subhyalinæ.*

Male. Very pale ochraceous. Head in front, body beneath and legs silvery white. Palpi smooth, twice longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ setulose. Legs stout; hind tibiæ slightly fringed. Wings rather short, moderately broad. Fore wings rounded at the tips, with a black point on the base of the costa; a brown spot on the costa before the middle, contiguous to a black dot in the disk; an outward-curved incomplete submarginal line of blackish points; exterior border convex, not oblique. Hind wings paler, slightly hyaline. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a. Ega. From Mr. Bates' collection.

71. CRYPTOLECHIA RECIPROCELLA.

Mas. *Alba; caput supra et thorax nigricantia; palporum articulus 2us extus nigricante strigatus; antennæ pubescentes; abdomen æneo-cinereum, alas posticas dimidio superans, fasciculo apicali albo; alæ anticæ latæ, apice rotundatæ, basi nigricantes, lineis duabus transversis subobsoletis plagaque postica cinereis, puncto discali nigro; posticæ æneo-cinereæ.*

Male. White, shining. Vertex of the head blackish. Palpi smooth, much longer than the breadth of the head; second joint with a blackish streak on the outer side towards the base; third setiform, black at the tip, shorter than the second. Antennæ minutely pubescent. Thorax blackish. Abdomen æneous-cinereous, extending for half its length beyond the hind wings; apical tuft white, rather long. Legs stout; hind tibiæ not fringed. Wings broad. Fore wings rounded at the tips, nearly one-fourth of the surface from the base blackish, this hue more extended along the interior border than along the costa; some indications of two transverse cinereous lines; a black point in the exterior disk, nearly contiguous to a cinereous patch which rests on the interior angle; exterior border convex, not oblique. Hind wings æneous-cinereous. Length of the body 7 lines; of the wings 14 lines.

This and the following species seem to be nearly allied to *C. mendax*.

Santarem. From Mr. Bates' collection.

72. CRYPTOLECHIA CONFIXELLA.

Mas. *Fusca, sat robusta; caput pilosum; palpi squamosi; antennæ pubescentes; abdomen cinereum; alæ anticæ latæ, apice subrotundatæ, spatio basali fusco guttas tres nigras includente, nebulis exterioribus cinereis, striga transversa punctulari nigra, macula discali fimbriaque cinereis; posticæ fusco-cinereæ, basi albidæ.*

Male. Brown, rather stout. Head clothed with short erect hairs. Palpi squamous, stout, longer than the breadth of the head; third joint lanceolate, shorter than the second. Antennæ pubescent. Abdomen cinereous, extending rather beyond the hind wings; apical appendages thickly pilose. Legs stout; hind legs whitish. Wings broad. Fore wings slightly rounded at the tips; nearly one-third

of the surface from the base obliquely brown and containing three black basal dots; exterior surface partly and slightly clouded with cinereous; a black transverse streak beyond the middle, composed of one spot and of three hinder points; a cinereous spot near the hinder side of the black spot and a little more exterior; fringe cinereous; exterior border straight, hardly oblique. Hind wings brownish cinereous, whitish towards the base. Length of the body $5\frac{1}{2}$ lines; of the wings 12 lines.

a. Ega. From Mr. Bates' collection.

73. CRYPTOLECHIA INDICATELLA.

Fœm. Subochraceo-alba; thorax fuscus, antice albus; alæ anticae latiusculæ, apice rotundatæ, plaga basali maculaque exterior posticis fuscis, hac nigro marginata extus diffusa, punctis marginalibus nigris; posticæ cinereo-fusæ.

Female. Ochraceous-white, stout. Thorx brown, white in front. Legs rather stout. Wings rather broad. Fore wings rounded at the tips, with an elongated brown patch, which rests on the basal part of the interior border and occupies more than half the breadth and less than half the length of the wing; a large brown spot on the apical part of the interior border, which is diffuse outwardly and is bounded by two oblique black lines, of which the inner one is prolonged towards the patch; marginal points black; exterior border very convex, not oblique; under side with a long penicillate tuft of hairs at the base. Hind wings cinereous-brown. Length of the body 4 lines; of the wings 10 lines.

a, b. Ega. From Mr. Bates' collection.

74. CRYPTOLECHIA EXTERNELLA.

Mas. Cervina, robusta, subtus argentea; antennæ pubescentes, alæ anticae apice rotundatæ, plaga postica basali elongata fusca, puncto exteriori discali transverso nigricante; posticæ fusca, fimbria pallide cervina.

Male. Fawn-colour, stout. Head in front, body beneath, palpi and legs silvery white. Palpi smooth, very much longer than the breadth of the head; third joint setiform, a little shorter than the second. Antennæ minutely pubescent. Abdomen hardly extending beyond the hind wings. Hind tibiæ not fringed. Wings moderately broad. Fore wings rounded at the tips, with an elongated

brown patch, which extends along nearly half the length of the interior border from the base, and occupies three-fourths of the breadth of the wing; an elongated transverse blackish point in the disk beyond the middle; costa slightly convex for half the length from the base; exterior border very convex, not oblique. Hind wings brown; fringe pale fawn-colour. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Ega. From Mr. Bates' collection.

75. CRYPTOLECHIA ACONTIELLA.

Fœm. *Cuprea; robusta, caput argenteo-album; alæ anticæ apice subrectangulatæ, plaga elongata postica, punctis tribus, macula magna exteriore punctisque marginalibus cupreis; posticæ fimbria cinerea.*

Female. Cupreous, stout. Head, body beneath, palpi and legs silvery white. Palpi smooth, nearly twice longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ rather stout. Abdomen extending a little beyond the hind wings. Legs stout. Wings moderately broad. Fore wings silvery white, nearly rectangular at the tips; an elongate cupreous patch extending from the base along half the length of the interior border, occupying most of the breadth, connected by three cupreous points with a large short-elliptical cupreous spot, which extends nearly to the exterior border; marginal points cupreous; fringe cupreous hindward; exterior border convex, very oblique. Hind wings with a cinereous fringe. Length of the body 3 lines; of the wings 9 lines.

a. Ega. From Mr. Bates' collection.

76. CRYPTOLECHIA TRIPUSTULELLA.

Mas. *Alba; antennæ pubescentes; abdomen fuscens; pedes anteriores supra nigricantes; alæ anticæ apice subrotundatæ, plagis tribus nigricantibus, 1a 2aque costalibus, 3a postica, spatio marginali fuscescente lineas duas transversas albidas includente; posticæ fuscescentes.*

Male. White. Palpi smooth, much longer than the breadth of the head; third joint setiform, much shorter than the second. Antennæ minutely pubescent. Abdomen brownish, extending for half its length beyond the hind wings. Anterior tibiæ and anterior

tarsi blackish above. Wings moderately broad. Fore wing slightly rounded at the tips, pale brownish towards the exterior border, with the exception of the minutely denticulated whitish submarginal and marginal lines; three elongated blackish patches, first and second on the costa; third on the interior border, between the first and the second; exterior border almost straight, not oblique. Hind wings brownish. Length of the body 4 lines; of the wing 9 lines.

a—c. Ega. From Mr. Bates' collection.

77. CRYPTOLECHIA RECEPTELLA.

Mas. Pallide cervina; caput albidum; antennæ pubescentes; tibiæ posticæ fimbriatæ; alæ anticæ latiusculæ, apice rotundatæ, punctis marginalibus nigris; posticæ flavo-cinereæ.

Male. Pale fawn-colour, stout. Head whitish, shining. Palpi smooth, slender, very much longer than the breadth of the head; third joint setiform, as long as the second. Antennæ minutely pubescent. Abdomen extending rather beyond the hind wing. Legs stout; hind tibiæ fringed. Wings rather broad. Fore wing rounded at the tips; marginal points black, minute; exterior border convex, not oblique. Hind wings yellowish cinereous. Length of the body 4 lines; of the wings 10 lines.

a. Ega. From Mr. Bates' collection.

78. CRYPTOLECHIA MEGASPILELLA.

Mas. Cervina, subtus argenteo-alba; antennæ pubescentes; tibiæ posticæ non fimbriatæ; alæ anticæ latiusculæ, apice subrectangulatæ, plaga postica punctoque discali exteriori fuscis, spatio adhuc exteriori subfuscescente; posticæ cinereo-fuscæ.

Male. Fawn-colour, rather stout. Head, body beneath, palpi and legs silvery white. Palpi smooth, nearly twice longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ pubescent. Abdomen hardly extending beyond the hind wings. Hind tibiæ not fringed. Wings rather broad. Fore wing nearly rectangular at the tips, with a large brown patch, which occupies half the length of the interior border and extends nearly to the base of the costa; a brown point in the disk beyond the middle space between this point and the exterior border slightly shaded with brown; costa slightly convex along half the length from the

base; exterior border slightly convex, not oblique. Hind wings cinereous-brown; fringe paler. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Ega. From Mr. Bates' collection.

79. CRYPTOLECHIA HUMERIFERELLA.

Mas. *Cinereo-fusca, subtus argenteo-alba; antennæ setulosæ; alæ anticæ elongatæ, apice rotundatæ, vitta costali lata pallidissime schistacea, linea posteriore, punctis duobus discalibus punctisque marginalibus nigris.*

Male. Cinereous-brown. Head, body beneath, palpi and legs silvery white. Palpi smooth, slender, much longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ minutely setulose. Abdomen extending much beyond the hind wings. Legs stout. Wings elongate, moderately broad. Fore wings rounded at the tips, with a very pale slate-coloured stripe, which extends along the costa from the base to beyond half the length, and is bounded on the hind side by a black line, which terminates in three elongated black dots; two black points in the disk, one behind the middle of the line, the other behind the tip of the latter; a row of black points along the exterior border and along the adjoining part of the costa; exterior border convex, not oblique. Length of the body 5 lines; of the wings 12 lines.

a. Ega. From Mr. Bates' collection.

80. CRYPTOLECHIA INCISURELLA.

Mas. *Argenteo-alba; antennæ pubescentes; abdomen fusco-cinereum; pedes longiusculi, sat graciles, tibiis posticis non fimbriatis; alæ anticæ sat angustæ, apice rotundatæ, puncto basali strigisque duabus obliquis nigris, vitta postica interrupta fusca, punctis marginalibus nigris; posticæ cinereo-fusæ.*

Male. Silvery white. Palpi smooth, nearly twice longer than the breadth of the head; third joint setiform, a little shorter than the second. Antennæ pubescent. Abdomen brownish cinereous, extending much beyond the hind wings; appendages large. Legs rather long and slender; hind tibiæ not fringed. Wings rather narrow. Fore wings rounded at the tips, with a blackish point on

the base of the costa, and with two blackish streaks extending obliquely outward from the costa; first streak connected with the inner end of a brown short interrupted stripe, which occupies the interior border; second connected with the outer end of the same stripe, which has a blackish point in front of its interrupted part; marginal points black, minute; costa slightly convex from the base to nearly two-thirds of the length, where it is slightly indented; exterior border convex, not oblique. Hind wings cinereous-brown. Length of the body 5 lines; of the wings 10 lines.

a. Ega. From Mr. Bates' collection.

81. CRYPTOLECHIA STRENUELLA.

Mas. *Pallide ochraceo-cervina, robusta; antennæ robustæ, pubescentes; abdomen alas posticas longe superans, fasciculi apicali spisso; tibiæ posticæ fimbriatæ; alæ anticæ apice rectangulatæ, linea obliqua diffusa punctisque duobus exterioribus fuscis, linea submarginali arcuata e punctis diffusa fuscis; posticæ cinereæ.*

Male. Pale ochraceous fawn-colour, stout. Palpi smooth, much longer than the breadth of the head; third joint setiform, nearly as long as the second. Antennæ stout, minutely pubescent. Abdomen extending much beyond the hind wings; apical tuft thick. Hind tibiæ fringed. Wings moderately broad. Fore wings rectangular at the tips, with a diffuse straight brown line, which extends from one-third of the length of the costa to one-fifth of the length of the interior border; a brown dot in the disk beyond the middle, and a more hindward brown point at the middle of the length; an exterior curved line of diffuse brown points; costa hardly convex; exterior border oblique hindward. Hind wings cinereous. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines.

a. Ega. From Mr. Bates' collection.

82. CRYPTOLECHIA CONGRESSELLA.

Fœm. *Pallide cervina; tibiæ posticæ non fimbriatæ; alæ anticæ latiusculæ, apice rotundatæ, lineis tribus flexis transversis, la 2a que fuscescentibus indistinctis, 3a e punctis nigris, punctis marginalibus nigris; posticæ fusæ.*

Female. Pale fawn-colour, stout. Palpi smooth, much longer than the breadth of the head; third joint setiform, rather shorter than the second. Abdomen extending a little beyond the hind

Wings. Hind tibiæ not fringed. Wings rather broad. Fore wings rounded at the tips, with three outward-bent transverse lines, which are retracted towards the costa; first and second lines brownish, indistinct; third composed of black points; marginal points black; anterior border convex, not oblique. Hind wings brown. Length of the body 3 lines; of the wings 8 lines.

Eggs. From Mr. Bates' collection.

83. CRYPTOLECHIA COSTATELLA.

Mas et fœm. *Argenteo-alba; thorax fuscus, antice albus; abdomen fuscescens, segmentis albido marginatis; alæ anticæ sat angustæ, apice rotundatæ, vitta postica fusca extus latiore, strigis anterioribus fuscis, punctis marginalibus nigris.* **Mas.**—*Antennæ setulosæ; alæ posticæ cinereæ.* **Fœm.**—*Alæ posticæ fusca.*

Male and female. Silvery white. Palpi smooth, slender, nearly twice longer than the breadth of the head; third joint setiform, black at the base, shorter than the second. Thorax brown, except in front. Abdomen brownish above; hind borders of the segments whitish. Legs slender; hind tibiæ not fringed. Wings rather narrow. Fore wings rounded at the tips, with a brown stripe, which starts on the interior border and becomes slightly and abruptly broader at a little before half the length of the wing, and extends very nearly to the exterior border; a few slender brown streaks forming an interrupted line between the stripe and the costa; marginal points black, minute; exterior border convex, not oblique. **Male.**—*Antennæ setulosæ.* Abdomen extending for half its length beyond the hind wings. Hind wings cinereous. **Female.**—Hind wings brown. Length of the body 4—4½ lines; of the wings 9—10 lines.

a, b. Eggs. From Mr. Bates' collection.

84. CRYPTOLECHIA INTURBATELLA.

Mas. *Ochraceo-cervina; palpi squamosi; antennæ setulosæ; abdomen fuscum; alæ anticæ lineis tribus transversis flexis nigricantibus valde indistinctis, punctis marginalibus nigris minimis; posticæ fusca.*

Male. Ochraceous fawn-colour, stout. Palpi squamous, very much longer than the breadth of the head; third joint setiform,

nearly as long as the second. Antennæ minutely setulose. Abdomen brown, white beneath, extending rather beyond the hind wings. Legs stout. Wings moderately broad. Fore wings rounded at the tips, with three transverse blackish outward-curved, very slender and indistinct lines; marginal points black, very minute; exterior border convex, not oblique. Hind wings brown; fringe dull ochraceous. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. Ega. From Mr. Bates' collection.

85. CRYPTOLECHIA MUNDELLA.

Fœm. *Fuscescente-cervina, subtus argentea; alæ anticæ latiusculæ, apice rotundatæ, strigis duabus flexis lineaque submarginali transversa nigricantibus, punctis marginalibus nigris; posticæ æneo-fuscæ.*

Female. Brownish fawn-coloured, stout. Head in front, body beneath, palpi and legs silvery white. Palpi smooth, slender, twice longer than the breadth of the head; third joint setiform, shorter than the second. Abdomen extending rather beyond the hind wings. Legs stout; hind tibiæ not fringed. Wings rather broad. Fore wings rounded at the tips, with a blackish streak, which extends from the middle of the base to nearly one-third of the length and is there bent to the interior border; another blackish streak proceeds from near the flexure of the first one to beyond the middle of the wing, where it is bent abruptly to the interior border; a slight transverse blackish submarginal line, which approaches very near the exterior border hindward, but retreats from it in front; marginal points black; costa very slightly convex for half the length from the base; exterior border convex, not oblique. Hind wings æneous-brown. Length of the body $4\frac{1}{2}$ lines; of the wings 11 lines.

a. Ega. From Mr. Bates' collection.

86. CRYPTOLECHIA CONTURBATELLA.

Fœm. *Fusca, subtus albida; caput antice albidum; alæ antice apice subrotundatæ, lituris variis cinereis, triente basali cinerea fusco notata, lineis submarginali et marginali cinereis denticulatis.*

Female. Brown, rather stout. Head in front, body beneath, palpi and legs whitish. Palpi smooth, nearly twice longer than the breadth of the head; third joint setiform, shorter than the second. Abdomen extending beyond the hind wings. Legs stout. Wings moderately broad. Fore wings slightly rounded at the tips, with

various small cinereous marks; full one-third of the length from the base cinereous, with some brown marks; submarginal and marginal lines cinereous, denticulated; fringe cinereous; costa convex along half the length from the base; exterior border slightly convex, not oblique. Length of the body 5 lines; of the wings 12 lines.

a. Ega. From Mr. Bates' collection.

87. CRYPTOLECHIA ILLUCIDELLA.

Fœm. *Fusca, subtus albida; caput antice albidum; alæ anticæ apice subrotundatæ, strigulis nonnullis discalibus plagaque costali cinereis; posticæ subobscuriores.*

Female. Brown. Head in front, body beneath, palpi and legs whitish. Palpi smooth, slender, nearly twice longer than the breadth of the head; third joint setiform, nearly as long as the second. Abdomen extending rather beyond the hind wings. Legs short, stout. Wings moderately broad. Fore wings slightly rounded at the tips, with a few slight cinereous streaks in the disk, and with a cinereous patch on the costa before the middle; costa slightly convex for half the length from the base; exterior border almost straight, not oblique. Hind wings a little darker than the fore wings. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Ega. From Mr. Bates' collection.

88. CRYPTOLECHIA GRAPHOPTERELLA.

Mas et fœm. *Pallide cinereo-cervina, subtus alba; caput antice album; tibiæ posticæ maris subfimbriatæ; alæ anticæ apice subrotundatæ, strigis tribus obliquis nigricantibus, la 2a que angulosis, punctis marginalibus nigris; posticæ fuscæ.*

Male and female. Pale cinereous fawn-colour. Head in front, body beneath, palpi and legs white, shining. Palpi smooth, nearly twice longer than the breadth of the head; third joint setiform, a little shorter than the second. Antennæ of the male minutely pubescent. Abdomen extending rather beyond the hind wings. Hind tibiæ of the male with a very short fringe. Wings moderately broad. Fore wings slightly rounded at the tips, with three blackish oblique streaks; first and second streaks zigzag; first extending from the middle of the base, more oblique than the second and than the third; a row of black points along the exterior border and along the adjacent part of the costa; exterior border convex, not oblique.

Hind wings brown; fringe paler. Length of the body 4 lines; the wings 10 lines.

a, b. Ega. From Mr. Bates collection.

89. CRYPTOLECHIA UMBRELLA.

Mas. *Cana, sat gracilis; palporum articulus 2us extus nigro-notatus, 3us basi apiceque niger; abdomen alas posticas longe superans; alæ anticæ angustæ, apice rotundatæ, postice fusco-cinereæ, linea interrupta abbreviata fusca, strigis tribus obliquis fuscis, 3a angulata, punctis submarginalibus nigris; posticæ fusco-cinereæ.*

Male. Hoary, rather slender. Head white in front. Palpi smooth, nearly twice longer than the breadth of the head; second joint with a black mark on the outer side; third setiform, black at the base and towards the tip, shorter than the second. Antennæ very minutely setulose. Abdomen extending much beyond the hind wings; apical tuft small. Fore wings narrow, rounded at the tips, clouded with brownish cinereous along the interior border; dislocated abbreviated brown line along the middle of the disk; three oblique brown streaks extending from the costa to the disk; first and second joining the line; third forming an angle beyond the line and retracted to the interior border; a row of black points very near the exterior border, which is very convex; interior border slightly contracted towards the interior angle. Hind wings brownish cinereous, moderately broad. Length of the body 4 lines; of the wings 9 lines.

a. Ega. From Mr. Bates' collection.

90. CRYPTOLECHIA ADDUCTELLA.

Fœm. *Cinerea, sat robusta; caput antice argenteum; palpi capitis latitudine duplo longiores; alæ anticæ apud costam albidæ, apice rotundatæ, lineis tribus obliquis subangulatis; lineaque submarginali punctulari fuscis.*

Female. Brownish cinereous, rather stout. Head in front, palpi, body beneath and legs silvery whitish. Palpi smooth, curved, full twice longer than the breadth of the head; third joint setiform, a little shorter than the second. Abdomen extending somewhat beyond the hind wings. Legs stout, smooth. Wings moderately broad. Fore wings rounded at the tips, irregularly whitish along

costa; three brown oblique slightly zigzag lines and a submarginal line of brown points; exterior border convex, not oblique. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

Eggs. From Mr. Bates' collection.

91. CRYPTOLECHIA SEMISIGNELLA.

Mas. *Albida, sat robusta; palpi squamosi; antennæ pubescentes; abdomen fuscescens; tibiæ posticæ non fimbriatæ; alæ anticæ sat angustæ, apice rotundatæ, guttis duabus discalibus fuscescentibus; posticæ fuscescentes.*

Male. Whitish, rather stout. Palpi squamous, twice longer than the breadth of the head; third joint setiform, as long as the second. Antennæ pubescent. Abdomen brownish, extending much beyond the hind wings. Hind tibiæ not fringed. Wings rather narrow. Fore wings rounded at the tips, with two brownish spots in the disk, one before the middle, the other at two-thirds of the length; costa slightly convex, along half the length from the base; exterior border slightly convex, not oblique. Hind wings brownish. Length of the body 3 lines; of the wings 7 lines.

Eggs. From Mr. Bates' collection.

92. CRYPTOLECHIA CONSOCIELLA.

Mas. *Sordide albida, subtus argenteo-alba; palpi squamosi, articulo 2o extus nigricante; antennæ pubescentes; abdomen fusco-cinereum; tibiæ posticæ non fimbriatæ; alæ anticæ sat angustæ, apice rotundatæ, lineis duabus transversis fuscis denticulatis, la disco retracta, striga costali obliqua plagaque postica fuscis; posticæ fusco-cinereæ.*

Male. Dingy whitish. Head in front, body beneath, palpi and legs silvery white. Palpi squamous, twice longer than the breadth of the head; second joint blackish on the outer side, except at the tip; third joint setiform, blackish at the base and at the tip, a little shorter than the second. Antennæ pubescent. Abdomen brownish cinereous. Legs rather slender; hind tibiæ not fringed. Wings rather narrow. Fore wings rounded at the tips, with two denticulated transverse brown lines; first line not extending to the costa, but retracted to the base of the wing; second line slightly bent outward; an oblique brown costal streak beyond the second line, and a brownish patch behind the streak; a row of black points along

the exterior border and along the adjoining part of the costa; costæ convex, except towards the tip; exterior border convex, not oblique. Hind wings brownish cinereous. Length of the body 3 lines; the wings 7 lines.

a. Ega. From Mr. Bates' collection.

93. CRYPTOLECHIA IMPACTELLA.

Mas. *Cinerea, subtilis argentea; palpi nigricante fasciati; antennæ pubescentes; tibiæ posticæ non fimbriatæ; alæ anticae longæ, sat angustæ, vitta discali interrupta strigisque tribus costalibus obliquis nigricantibus, strigis nonnullis diffusis fuscescentibus, punctis marginalibus nigris; posticæ fuscescentes.*

Male. Cinereous. Head in front, body beneath, palpi and legs silvery white. Palpi smooth, very much longer than the breadth of the head; third joint setiform, blackish at the base, and with a blackish band beyond the middle, much shorter than the second. Antennæ minutely pubescent. Abdomen extending much beyond the hind wings. Legs stout; hind tibiæ not fringed. Wings long, rather narrow. Fore wings with a few blackish streaks, which form an irregular line extending from the base to nearly three-fourths of the length; three oblique blackish costal streaks, of which the first and the second are much more slender than the third; several diffuse indistinct pale brownish longitudinal streaks; marginal points black; exterior border convex, not oblique. Hind wings brownish. Length of the body 3 lines; of the wings 7 lines.

a. Ega. From Mr. Bates' collection.

94. CRYPTOLECHIA OVATELLA.

Mas. *Pallidissime ochracea, sat gracilis; caput argenteo-album; palporum articulus 3us nigricante fasciatus; antennæ pubescentes; abdomen alas posticas dimidio superans; tibiæ posticæ non fimbriatæ; alæ anticae apice rotundatæ, striga lineisque duabus exterioribus obliquis interruptis ferrugineis; posticæ cinereo-fusæ.*

Male. Very pale ochraceous, rather slender. Head, body beneath, palpi and legs silvery white. Palpi smooth, slender, more than twice longer than the breadth of the head; third joint setiform, as long as the second, with a blackish band near the tip. Antennæ

escent. Abdomen extending for half its length beyond the hind legs. Legs stout; hind tibiæ not fringed. Wings moderately broad. Fore wings rounded at the tips, with a short longitudinal ferruginous streak in the disk before the middle, and with an oblique regular interrupted ferruginous line, which extends to the costa beyond the middle; a submarginal line like the preceding one but not distinct; costa very slightly convex; exterior border convex, not oblique. Hind wings cinereous-brown. Length of the body 4 lines; of the wings 7 lines.

Eggs. From Mr. Bates' collection.

95. CRYPTOLECHIA SCITIORELLA.

Mas. *Fusca, sat robusta, subtus argenteo-alba; palporum articulus 2us extus fuscus, 3us apice nigricans; antennæ subpubescentes; abdomen alas posticas longe superans; tibiæ posticæ subfimbriatæ; alæ anticæ latiusculæ, apice rotundatæ, lineis duabus obliquis obscure fuscis vix denticulatis, 1a antice abbreviata, 2a intus cinereo marginata, linea marginali alba, punctis marginalibus nigris.*

Male. Brown, rather stout. Head, body beneath, palpi and legs silvery white. Palpi twice longer than the breadth of the head; second joint brown on the outer side; third setiform, blackish at the tip, shorter than the second. Antennæ very minutely pubescent. Abdomen extending much beyond the hind wings; apical tuft pale cinereous. Legs stout; hind tibiæ with a very short fringe. Wings rather broad. Fore wings rounded at the tips, with two dark brown oblique hardly denticulated lines; first line before the middle, much abbreviated towards the costa; second entire, bordered with cinereous on the inner side; marginal line white, accompanied by black points; fringe and costa pale cinereous; exterior border convex, not oblique. Length of the body 4 lines; of the wings 9 lines.

Eggs. From Mr. Bates' collection.

96. CRYPTOLECHIA MURINELLA.

Fœm. *Murina, subtus argenteo-alba; alæ anticæ apice rotundatæ, striga apicali obliqua puncta cinerea includente, punctis marginalibus nigris.*

Female. Mouse-colour. Head in front, body beneath, palpi and legs silvery white. Palpi smooth, slender, twice longer than

the breadth of the head; third joint setiform, shorter than the second. Abdomen extending a little beyond the hind wings. Wings moderately broad; fringe cinereous. Fore wings rounded at the tips; whitish oblique apical space extending from four-fifths of the length of the costa nearly to the hind end of the exterior border, and containing some cinereous points; marginal points black; exterior border convex, not oblique. Length of the body 4 lines; of the wings 10 lines.

a. Ega. From Mr. Bates' collection.

97. CRYPTOLECHIA FILIPERELLA.

Mas. *Fusca, sat gracilis, subtus argentea; antennæ pubescentes; alæ anticæ latiusculæ, apice subrotundatæ, linea exteriori transversa alba subobliqua vix denticulata, striga subapicali transversa fimbriaque antice albis.*

Male. Brown, rather slender. Head in front, body beneath palpi and legs silvery white. Palpi smooth, twice longer than the breadth of the head; third joint setiform, a little shorter than the second. Antennæ pubescent. Abdomen extending much beyond the hind wings; appendages rather large. Legs stout, smooth; hind tibiæ not fringed. Wings rather broad. Fore wings slightly rounded at the tips, with a white slightly oblique hardly denticulated transverse line beyond the middle; a slight subapical transverse white streak; fringe white in front; costa very slightly convex; exterior border convex, not oblique. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

This and the two following species in structure approach some of the South American *Gelechiæ*.

a. Ega. From Mr. Bates' collection.

98. CRYPTOLECHIA BASIFERELLA.

Mas. *Fusco-cinerea; palpi capitis latitudine multo longiores; antennæ pubescentes; alæ anticæ sat angustæ, striga basali obliqua punctoque discali fuscis.*

Male. Brownish cinereous. Palpi smooth, rising a little higher than the vertex, much longer than the breadth of the head; third joint lanceolate, shorter than the second. Antennæ minutely pubescent, rather shorter than the fore wings. Abdomen extending much beyond the hind wings. Legs smooth; spurs very long.

Fore wings rather narrow, with a brown oblique basal streak, and with a brown discal point at two-thirds of the length; costa and exterior border slightly convex, the latter not oblique. Length of the body $3\frac{1}{2}$ lines; of the wings 7 lines.

a, b. Ega. From Mr. Bates' collection.

99. CRYPTOLECHIA RUBIGINOSELLA.

Mas. *Ferrugineo-rufa, subtus argenteo-alba; palporum articulus 2us apicem versus subfimbriatus, 3us gracillimus; abdomen alas posticas longe superans, apicem versus subcompressum; tibiæ posticæ fimbriatæ; alæ anticæ punctis duobus discalibus punctisque marginalibus fuscis; posticæ nigricantes.*

Male. Ferruginous-red, slender. Body silvery white beneath. Palpi twice longer than the breadth of the head; second joint rather broad, slightly fringed above towards the tip; third setiform, very slender, as long as the second. Antennæ slender, minutely crenulated, shorter than the fore wings. Abdomen extending much beyond the hind wings, slightly compressed towards the tip. Hind tibiæ fringed. Wings rather narrow. Fore wings slightly rounded at the tips, with two brown points in the disk, one before the middle, the other beyond the middle; exterior border and apical part of the costa with brown points; costa very slightly convex for half the length from the base; exterior border slightly convex and oblique; under side and hind wings blackish, the latter with a cinereous fringe. Length of the body 3 lines; of the wings 8 lines.

a. Ega. From Mr. Bates' collection.

South Africa.

100. CRYPTOLECHIA STRAMINELLA.

straminella, Zl.

Natal.

101. CRYPTOLECHIA COSTELLA.

costella, Zl.

Caffraria.

102. CRYPTOLECHIA EARIASELLA.

Fœm. *Late flava, sat gracilis; tibiæ posticæ subfimbriatæ; alæ anticæ latæ, apice subrectangulatæ, puncto post medio fusco; posticæ albidæ, fimbria pallide flava.*

Female. Bright yellow, rather slender, paler beneath. Palpi smooth, slender, more than twice longer than the breadth of the head; third joint setiform, as long as the second. Antennæ slender. Abdomen extending rather beyond the hind wings. Legs stout; hind tibiæ slightly fringed. Wings broad. Fore wings nearly rectangular at the tips, with a brown point in the disk beyond the middle; costa hardly curved; exterior border oblique hindward. Hind wings whitish; fringe pale yellow. Length of the body 4 lines; of the wings 12 lines.

a. Port Natal. From M. Gueinzus' collection.

103. CRYPTOLECHIA SPILOTELLA.

Mas. *Fusca; palpi squamosi; antennæ setulosæ; abdominis segmenta cinereo marginata; alæ latæ, linea marginali flavescente; anticæ apice subrotundatæ, plagis duabus atris; posticæ fusco-cinereæ.*

Male. Brown. Second joint of the palpi squamous. Antennæ setulose. Abdomen extending rather beyond the hind wings; hind borders of the segments cinereous; apical tuft quadrate. Legs squamous, rather long and stout. Wings broad, with a yellowish marginal line. Fore wings slightly rounded at the tips, with two deep black patches in the disk; first patch near the base, larger than the second, which is transverse and beyond the middle of the wing; exterior border straight, hardly oblique. Hind wings brownish cinereous. Length of the body $4\frac{1}{2}$ lines; of the wings 12 lines.

a. Ceylon. From Mr. Stevens' collection.

Australasia.

104. CRYPTOLECHIA ? ATRATELLA.

Mas. *Testaceo-alba; antennæ graciles, setulosæ; thorax plaga quadrata nigricante; alæ anticæ elongatæ, subacutæ, plaga magna quadrata nigricante, fasciis duabus exterioribus ceruinis, 2a marginali; posticæ pallide fuscescentes.*

Male. Testaceous-white. Proboscis stout. Antennæ slender, setulose. Thorax with a large quadrate blackish patch on the disk. Legs smooth. Wings elongate. Fore wings slightly acute, with a very large blackish quadrate patch, which extends to the middle of the interior border, but not to the costa; two pale fawn-coloured exterior bands, the first broader than the second, which is marginal; exterior border very slightly convex, moderately oblique. Hind wings pale brownish, whitish towards the costa. Length of the body 5 lines; of the wings 14 lines.

Java. In Mr. Saunders' collection.

105. CRYPTOLECHIA SIMULATILLA.

Fœm. *Alba; palpi capitis latitudine longiores; abdomen sub-æneum; alæ anticæ nigricante conspersæ, apice rotundatæ, guttis sex discalibus punctisque marginalibus nigris.*

Female. White, cinereous beneath. Palpi smooth, slender, slightly curved, obliquely ascending, longer than the breadth of the head; third joint setiform, shorter than the second. Abdomen slightly æneous, extending much beyond the hind wings; tip attenuated. Fore wings rounded at the tips, irregularly and very minutely blackish speckled; six black discal dots; two of them near the base; three forming a short oblique line, and one exterior; exterior border and apical part of the costa with black points; costa and exterior border nearly straight, the latter very oblique. Length of the body 5 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

106. CRYPTOLECHIA NIVEOSELLA.

Mas. *Albida, robusta; palpi capitis latitudine longiores; alæ subtus nigricante-cinereæ; anticæ vix acutæ, cinereo substri-gatæ, nigro subconsersæ, punctis nonnullis interioribus punctisque marginalibus nigris.*

Male. Whitish, stout. Palpi smooth, slightly curved and ascending, longer than the breadth of the head; third joint lanceolate, much shorter than the second. Antennæ stout, little more than half the length of the fore wings. Abdomen extending for full half its length beyond the hind wings; apical tuft rather long. Legs smooth. Wings narrow, blackish cinereous beneath. Fore wings hardly acute, slightly and diffusedly cinereous-streaked, very thinly

and minutely black-speckled, with some black points, which are mostly in front near the base; marginal points black; exterior border very oblique. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

107. CRYPTOLECHIA SUFFUSELLA.

Mas. *Straminea*; *caput fasciculatum*; *palpi capitis latitudine multo longiores, articulo 2o extus fuscescente*; *antennæ nigrae, setulosæ, pubescentes*; *pedes nigricante varii, tibiis posterioribus tarsisque posticis fimbriatis*; *alæ anticæ apice subrotundatæ, costa margine exteriori plagaque discali diffusa cervinis*.

Male. Straw-colour. Head tufted with erect hairs. Palpi much longer than the breadth of the head; second joint curved, brownish on the outer side, except towards the tip; third lanceolate, erect, shorter than the second. Antennæ black, setulose, pubescent. Fore legs, middle tarsi and tips of hind tarsi blackish; posterior tibiæ and hind tarsi fringed. Fore wings slightly rounded at the tips; costa and exterior border mostly fawn-colour; a diffuse fawn-coloured discal patch; exterior border slightly convex and oblique. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Australia.

108. CRYPTOLECHIA UNOINELLA.

uncinella, Zl.

Australia.

109. CRYPTOLECHIA GRISEOLA.

griseola, Zl.

110. CRYPTOLECHIA CARNEA.

carnea, Zl.

a, b. Australia. From Mr. Damel's collection.

c—f. Sydney. From Mr. Lambert's collection.

g. Sydney. From Mr. Diggles' collection.

h. Moreton Bay. From Mr. Diggles' collection.

i, j. Tasmania. From Mr. A. J. Smith's collection.

k. Tasmania. Presented by M. Allport, Esq.

111. CRYPTOLECHIA REPANDULA.

repandula, Zl.

Adelaide.

112. CRYPTOLECHIA PUDICA.

pudica, Zl.

Australia.

113. CRYPTOLECHIA FLAVOLINEATA.

Fœm. *Argenteo-alba; pedes robusti, tibiis posticis subfimbriatis; alæ anticæ amplæ, apice rectangulatæ, lineis duabus longitudinalibus flavis.*

Female. Silvery white, stout. Palpi smooth, slender, very much longer than the breadth of the head; third joint setiform, as long as the second. Antennæ slender. Abdomen extending rather beyond the hind wings. Legs stout; hind tibiæ slightly fringed. Wings long, broad. Fore wings acutely rectangular at the tips, with a yellow line which extends from the middle of the base to the interior border near the end of the latter; another yellow line along the middle of the wing, obsolete towards the base, extending to the exterior border, which is straight and slightly oblique. Length of the body 10 lines; of the wings 24 lines.

a. Sydney. Presented by E. Doubleday, Esq.

114. CRYPTOLECHIA BIPUNCTELLA.

Mas. *Nivea; palpi articulo 2o nigro; antennæ subpubescentes; alæ anticæ punctis duobus discalibus nigricantibus, costa basi nigra; posticæ pallide cinereæ.*

Male. Pure white. Palpi smooth, nearly twice longer than the breadth of the head; second joint mostly black; third setiform, shorter than the second. Antennæ very minutely pubescent. Fore wings slightly rounded at the tips; two blackish points in the disk at two-thirds of the length, one behind the other; costa black towards the base; exterior border straight, moderately oblique; under side blackish. Hind wings pale cinereous. Length of the body 5 lines; of the wings 14 lines.

a. Australia. Presented by Major-Gen. Hardwicke.

115. CRYPTOLECHIA LUTEOTAOTELLA.

Mas. *Nirea*; caput antice ochraceum; palpi apice ochracei; pedes ochracei, tibiis posticis fimbriatis; alæ anticæ latiusculæ, costâ ochracea.

Male. Pure white, smooth, shining. Head in front, palpi except the third joint, legs and costâ of the fore wings ochraceous. Palpi smooth, slender, much longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ smooth, slender. Hind tibiæ fringed. Wings rather broad. Fore wings slightly rounded at the tips; fringe tipped with ochraceous; exterior border nearly straight, slightly oblique. Length of the body $4\frac{1}{2}$ —5 lines; of the wings 13—14 lines.

a—c. Sydney. From Mr. Lambert's collection.

116. CRYPTOLECHIA ARGENTELLA.

Fœm. *Argenteo-alba*; caput apud oculos ochraceum; palpi pedesque anteriores nigricantes; abdomen fasciis auratis; tibiis posticæ fimbriatæ; alæ posticæ nigro-cinereæ, fimbria flavo-alba.

Female. Silvery white, shining. Head ochraceous about the eyes. Palpi smooth; mostly blackish, much longer than the breadth of the head; third joint setiform, a little shorter than the second. Abdomen with gilded bands, hardly extending beyond the hind wings. Anterior legs mostly blackish; hind tibiæ fringed. Fore wings slightly acute; exterior border straight, moderately oblique; under side and hind wings blackish cinereous, the latter with yellowish white fringe. Length of the body 6 lines; of the wings 16 lines.

a. Sydney. From Mr. Diggles' collection.

117. CRYPTOLECHIA PLACIDELLA.

Mas. *Flavescente-alba*; palpi nigricantes; antennæ glabræ; tibiæ posticæ subfimbriatæ; alæ anticæ apice subrotundatæ, costâ fimbriaque pallide ochraceis; posticæ obscure cinereæ.
Var. β.—*Argenteo-alba*; alæ anticæ costâ fimbriaque subochraceis; posticæ pallide cinereæ.

Male. Yellowish white, smooth, stout. Palpi smooth, nearly twice longer than the breadth of the head; second joint mostly blackish; third setiform, as long as the second. Antennæ stout, smooth. Thorax pale ochraceous. Abdomen extending a little beyond the hind wings; apical tuft rather large. Hind tibiæ stout, slightly fringed. Fore wings slightly rounded at the tips; costa and fringe pale ochraceous; under side blackish cinereous; exterior border straight, moderately oblique. Hind wings dark cinereous; fringe pale ochraceous. *Var. β.*—Head, thorax and fore wings silvery white; thorax, costa and fringe slightly tinged with ochraceous. Hind wings pale cinereous. Length of the body 4 lines; of the wings 12 lines.

- a. Sydney. From Mr. Diggles' collection.
- b, c. Sydney. From Mr. Lambert's collection.
- d. Australia. From Mr. Damel's collection.
- e. Moreton Bay. From Mr. Diggles' collection.

118. CRYPTOLECHIA COGNATELLA.

Mas. Argenteo-alba; oculi ochraceo marginati; palpi ochracei, articulo 3o albo; abdomen vix flavescens; pedes ochracei; alæ anticæ fimbria apice costaque ochraceis.

Male. Closely allied to *C. placidella*. Silvery white. Head above about the eyes, palpi, antennæ, legs and costa of the fore wings ochraceous. Third joint of the palpi white, shorter than the second. Abdomen very slightly tinged with yellow, cinereous beneath. Fore wings dark cinereous beneath, except the fringe, which is slightly tipped with ochraceous. Hind wings cinereous beneath along the costa and at the tips. Length of the body 5 lines; of the wings 13 lines.

- a. Sydney. From Mr. Diggles' collection.

119. CRYPTOLECHIA NIVELLA.

Nivea; palpi capitis latitudine duplo longiores; tibiæ posticæ non fimbriatæ; alæ anticæ longæ, sat angustæ, margine exteriori perobliquo.

Pure white. Palpi smooth, slender, twice longer than the breadth of the head; third joint setiform, as long as the second. Hind tibiæ not fringed. Wings elongate, rather narrow. Fore

wings slightly rounded at the tips; exterior border slightly convex, very oblique. Length of the body 4 lines; of the wings 12 lines.

a. North Australia. Presented by J. R. Elsey, Esq.

120. CRYPTOLECHIA CYGNELLA.

Mas. Alba; palpi capitis latitudine multo longiores, articulo 2^o extus flavescens; antennæ subsetulosæ; alæ anticæ apice rotundatæ, subtus pallide fuscescentes.

Male. White. Palpi smooth, curved, ascending high above the vertex, much longer than the breadth of the head; second joint yellowish on the outer side; third setiform, shorter than the second. Antennæ extremely minutely setulose. Abdomen extending beyond the hind wings. Fore wings rounded at the tips, pale brown beneath; costa and exterior border hardly convex, the latter rather oblique. Length of the body 4 lines; of the wings 10 lines.

a. Swan River. Presented by Sir J. Richardson.

121. CRYPTOLECHIA REVERSELLA.

Fœm. Nivea; palpi capitis latitudine duplo longiores; alæ anticæ subacutæ, subtus nigricantes; posticæ cinereæ.

Female. Pure white. Palpi smooth, curved, rising higher than the vertex, about twice longer than the breadth of the head; third joint setiform, about half the length of the second. Antennæ about half the length of the fore wings. Abdomen extending very little beyond the hind wings. Legs smooth. Wings moderately broad. Fore wings slightly acute; exterior border very oblique, under side blackish, except the fringe. Hind wings cinereous except the fringe. Length of the body $2\frac{1}{2}$ lines; of the wings 8 lines.

a. Sydney. From Mr. Lambert's collection.

122. CRYPTOLECHIA ABROSELLA.

Alba; palpi ascendentes, subarcuati, capitis latitudine valde longiores, alæ anticæ longæ, sat angustæ, vix acutæ, subtus fuscescentes.

White. Palpi slightly curved, nearly vertical; very much longer than the breadth of the head; third joint setiform, much shorter than the second. Antennæ smooth, about half the length of the fore wings. Legs smooth. Fore wings long, rather narrow, hardly acute, brownish beneath; fringe long. Length of the body 7 lines; of the wings 10 lines.

Sydney. From Mr. Lambert's collection.

123. CRYPTOLECHIA PRIVATELLA.

Mas. Cervina; palpi articulo 2o fusco; antennæ pubescentes; abdomen cinereum; alæ anticæ latæ, apice rectangulatæ, nigro conspersæ, punctis tribus discalibus punctisque submarginalibus nigris, costa vix convexa; posticæ cinereæ.

Male. Fawn-colour, shining. Palpi smooth, slender, more than twice longer than the breadth of the head; second joint brown, except towards the tip; third setiform, shorter than the second. Antennæ pubescent. Abdomen and hind wings cinereous, the former hardly extending beyond the latter. Legs smooth. Wings broad. Fore wings very minutely speckled with black, rectangular at the tips; two minute black points before the middle, one behind the other; a larger black discal point beyond the middle; a curved row of minute submarginal black points; costa and exterior border very slightly convex, the latter slightly oblique. Length of the body 11 lines; of the wings 16 lines.

Moreton Bay. From Mr. Diggles' collection.

124. CRYPTOLECHIA TRIPHÆNATELLA.

Mas et scem. Cervina; palporum articulus 2us fuscus; abdomen rufo-fuscum, segmentis flavescente marginatis; alæ anticæ apice rectangulatæ, postice purpurascente-rufæ, puncto discali nigro, costa læte rufa; posticæ aurato-flavæ, cupreo marginatæ.

Male and female. Fawn-colour. Body mostly yellow beneath. Palpi smooth, longer than the breadth of the head, partly brown; third joint setiform, much shorter than the second. Antennæ of the male pubescent. Abdomen reddish brown; hind borders of the segments yellowish. Legs gilded yellow; anterior legs partly brownish and rosy; hind tibiæ fringed. Wings broad. Fore wings rectangular at the tips, more or less purplish red hindward, with a

black point in the disk much beyond the middle; costa bright red; convex along two-thirds of the length from the base; fringe purplish red; exterior border convex, slightly oblique; under side mostly cupreous. Hind wings gilded yellow, with a cupreous border, which is broadest about the interior angle and at the tips. Length of the body 6—6½ lines; of the wings 17—18 lines.

a, b. Australia. From Mr. Darnley's collection.

125. CRYPTOLECHIA INCARNATELLA.

Form. *Roseo-cervina, subtus alba; abdomen cinereum; alae posticae fimbriatae; alae anticae latae, apice rectangulatae, lineae interiore transversa flexa lituraque basali roseis, costa litura rosea; posticae cinerae.*

Female. Rosy fawn-colour. Under side and legs white. Palpi smooth, very slender, nearly twice longer than the breadth of the head; third joint setiform, as long as the second. Antennae slender. Abdomen and hind wings cinereous. Hind tibiae fringed. Wings broad. Fore wings rectangular at the tips; a rosy transverse outward-bent line before the middle and a rosy mark on the base of the interior border; costa bright rosy; exterior border very oblique hindward. Length of the body 5 lines; of the wings 14 lines.

a. Sydney. From Mr. Lambert's collection.

b. Sydney. From Mr. Diggles' collection.

126. CRYPTOLECHIA ABSUMPTELLA.

Mas. *Albido-testacea, sat gracilis; antennae graciles, subsetulosae; tibiae posticae fimbriatae; alae anticae longae, sat angustae, apice subrotundatae, margine exteriori perobliquo.*

Male. Whitish testaceous, rather slender. Palpi smooth, slender, twice longer than the breadth of the head; third joint setiform, much shorter than the second. Antennae slender, very minutely setulose. Legs slender; hind tibiae fringed. Wings long, rather narrow, slightly rounded at the tips; fringe long. Fore wings with a very oblique exterior border. Length of the body 5 lines; of the wings 15 lines.

a. Sydney. From Mr. Lambert's collection.

127. CRYPTOLECHIA LATIORELLA.

Mas. *Pallidissime cervina, sat gracilis; antennæ setulosæ; tibiæ posticæ pilosæ; alæ anticæ latæ, nigro subconsersæ, punctis duobus nigris, linea submarginali valde arcuata e punctis nigris; posticæ albido-cinereæ.*

Male. Very pale fawn-colour, rather slender. Antennæ setulose. Legs slender; hind tibiæ clothed with short hairs. Wings broad; fringe rather long. Fore wings nearly rectangular at the tips, very minutely black-speckled; two black points in the disk, one before the middle, the other beyond the middle; a transverse submarginal curved line of black points; costa hardly convex; exterior border convex, moderately oblique. Hind wings whitish cinereous. Length of the body 5 lines; of the wings 15 lines.

a. Sydney. From Mr. Lambert's collection.

128. CRYPTOLECHIA SORDIDELLA.

Fœm. *Pallide cinereo-fusca; palporum articulus 2us squamosus, valde arcuatus; abdomen attenuatum, lateribus fasciculatis; alæ anticæ nigro consersæ, nigricante ex parte nebulosæ, guttis sex lineaque diffusa submarginali brevi arcuata nigris; posticæ cinereæ.*

Female. Pale cinereous-brown, paler beneath. Palpi very much longer than the breadth of the head, extending over the hind border of the latter; second joint squamous, much curved; third setiform, straight, much shorter than the second. Antennæ slender. Abdomen attenuated, extending far beyond the hind wings, with small tufts along each side; oviduct exserted. Legs slender, squamous, rather long. Wings long, moderately broad, slightly rounded at the tips. Fore wings minutely black-speckled, partly blackish-shaded in the disk; three black discal dots, behind which there are three less distinct dots; first dot before one-fourth of the length of the wing; second dot before the middle; third beyond the middle, prolonged hindward; a diffuse short curved transverse black submarginal line; exterior border slightly convex, very oblique. Hind wings cinereous. Length of the body 7 lines; of the wings 16 lines.

a. Moreton Bay. From Mr. Diggles' collection.

129. *CRYPTOLECHIA MAGNIFERELLA*.

Fœm. *Albida; antennæ subpubescentes; thorax obscure cinereus; alæ anticae quadrifasciatae, fasciis 1a 4aque rufescentibus rubro conspersis, 2a 3aque obscure cinereis rubro conspersis; posticae cinereae.*

Female. Whitish. Palpi slender, squamous, twice longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ very minutely pubescent. Thorax dark cinereous, except in front. Hind tibiae not fringed. Wings broad. Fore wings slightly rounded at the tips, with four irregular bands; first and fourth bands, and a spot between the second and third bands reddish, with very dark red speckles; second and third bands dark cinereous, with some dark red speckles; space between the fourth band and the exterior border mostly tinged with pale red; exterior border slightly convex and oblique. Hind wings cinereous, cupreous along the exterior border. Length of the body 5 lines; of the wings 16 lines.

a. Australia. From Mr. Damel's collection.

130. *CRYPTOLECHIA UNDULATELLA*.

Fœm. *Cana, robusta, squamosa; palpi extus fusci; antennae nigrae; pedes breves, validi, tibiis posticis fimbriatis; alæ anticae vitta latissima fusca antice diffusa postice concinna undulata lineam transversam undulatam canam includentem punctis marginalibus nigris; posticae æneo-cinereae.*

Female. Hoary, stout, smooth, squamous. Palpi slender, twice longer than the breadth of the head, mostly brown on the outer side; third joint setiform, nearly as long as the second. Antennæ black. Legs short, stout; hind tibiae fringed. Wings rather broad. Fore wings rounded at the tips, with a very broad brown stripe, which is diffuse towards the costa and towards the exterior border, but is concise and undulating towards the interior border, which it almost reaches near the interior angle; a hoary deeply undulating transverse line near the end of the stripe; marginal points black; first point near the end of the costa, second apical; six along the interior border, which is straight and slightly oblique. Hind wings cinereous, with an æneous tinge. Length of the body 5 lines; of the wings 14 lines.

a. Moreton Bay. From Mr. Diggles' collection.

131. CRYPTOLECHIA TRIPUNOTELLA.

Form. *Fusca; palpi capitis latitudine plus duplo longiores, articulo 2o apice nigricante; abdomen cinereum; alæ anticae elongatae, punctis tribus discalibus nigris, costa basi convexa, margine exteriori perobliquo; posticae aeneo-cinereae.*

Female. Brown, cinereous beneath. Palpi smooth, slender, more than twice longer than the breadth of the head; second joint blackish at the tip; third setiform, little more than half the length of the second. Abdomen and hind wings cinereous, tinged with æneous. Legs smooth, short. Wings elongate, moderately broad. Fore wings rounded at the tips, with three black points in the disk; first point before the middle; second behind the first; third beyond the middle; costa convex towards the base; exterior border slightly convex, very oblique. Length of the body 4 lines; of the wings 12 lines.

a. Tasmania. From the Entomological Society's collection.

132. CRYPTOLECHIA MURINELLA.

Form. *Murina; palpi capitis latitudine non longiores; abdomen cinereum, alas posticas perpaullo superans; tibiae posticae fimbriatae; alæ anticae margine exteriori perobliquo; posticae cinereae.*

Female. Mouse-colour. Under side, abdomen and hind wings cinereous. Palpi smooth, not longer than the breadth of the head; third joint setiform, shorter than the second. Abdomen extending very little beyond the head. Hind tibiae fringed. Wings elongate, slightly rounded at the tips. Fore wings without markings; exterior border slightly convex, very oblique. Length of the body 5 lines; of the wings 15 lines.

a. Australia. Presented by the Entomological Club.

133. CRYPTOLECHIA FERBORUBELLA.

Chalybæa; abdomen cupreo-rufum; tibiae posticae fimbriatae; alæ anticae sat angustae, apice subrotundatae, fascia cana diffusa subobliqua, linea exteriori transversa cinerea undulata subdentata.

Chalybeous. Abdomen and hind wings coppery red. Legs stout, short; hind tibiæ fringed. Fore wings rather narrow, slightly rounded at the tips, with a diffuse hoary slightly oblique band one-fourth of the length; a transverse undulating slightly denticulated cinereous line at five-sixths of the length; exterior border slightly convex and oblique. Length of the body 5 lines; of the wings 14 lines.

a. Australia. From Mr. Diggles' collection.

134. CRYPTOLECHIA CONFERTELLA.

Mas et fœm. *Cinerea, nigro conspersa; antennæ maris setulosæ; abdomen æneum; tibiæ posticæ subfimbriatæ; alæ anticae latæ, punctis discalibus, linea submarginali punctulari arcuata punctisque marginalibus nigris, striga obliqua costali plagaque exteriore fuscis nigro notatis.*

Male and female. Cinereous, black-speckled, paler cinereous. Palpi smooth, longer than the breadth of the head; third joint setiform, much shorter than the second. Antennæ of the male setulose, slender. Abdomen and hind wings æneous, the former not extending beyond the latter. Legs short, rather stout; hind tibiæ broadly fringed in the male, slightly fringed in the female. Wings broad. Fore wings somewhat rounded at the tips, with some black points in the disk, and with a regular outward-curved submarginal line of black points; a broad oblique streak extending outward from the costa to the disk, and a patch in the exterior disk, both brown, black marked; marginal points black; exterior border slightly convex, hardly oblique. Length of the body 5—6 lines; of the wings 14—16 lines.

a. Sydney. From Mr. Diggles' collection.

b. Moreton Bay. From Mr. Diggles' collection.

135. CRYPTOLECHIA AFFLICTELLA.

Mas. *Alba; palpi articulo 2o basi nigro; antennæ glabræ; tibiæ posticæ fimbriatæ; alæ anticae nigro conspersæ, punctis quatuor discalibus fasciisque duabus indeterminatis nigricantibus; posticæ cinereæ.* **Fœm.**—*Cinerea; abdomen attenuatum, oviductu exserto.*

Male. White. Palpi smooth, much longer than the breadth of the head; second joint black above towards the base; third setiform, much shorter than the second. Antennæ smooth. Abdomen extending a little beyond the hind wings. Hind tibiæ fringed. Fore wings rounded at the tips, with black speckles, which are mostly confluent, except towards the base; four blackish discal points, two before the middle, the other two beyond the middle; two incomplete diffuse blackish bands; exterior border slightly convex, very oblique. Hind wings cinereous. **Female.**—Cinereous. Third joint of the palpi almost as long as the second. Abdomen attenuated; oviduct exerted. Length of the body 5—6 lines; of the wings 14 lines.

a. Australia. From Mr. Damel's collection.

b. Moreton Bay. From Mr. Diggles' collection.

136. CRYPTOLECHIA INCEPTELLA.

Mas. *Pallide cinereo-cervina; palpi gracillimi; antennæ pubescentes; abdomen flavo-cinereum; tibiæ posticæ fimbriatæ; alæ anticæ apice rectangulatæ, lineis duabus transversis flexis e punctis roseis, maculis duabus costalibus punctisque tribus marginalibus purpureo-cinereis, costa fimbriaque roseis; posticæ flavo-cinereæ.*

Male. Pale cinereous fawn-colour. Palpi smooth, very slender, much longer than the breadth of the head; third joint setiform, nearly as long as the second. Antennæ minutely pubescent. Abdomen and hind wings yellowish cinereous, the former extending very little beyond the latter. Hind tibiæ fringed. Wings elongate, rather broad. Fore wings rectangular at the tips; two transverse outward-bent lines of rosy points, ending in two purplish cinereous costal spots, one before the middle, the other beyond the middle; three purplish cinereous points along the fore part of the exterior border; costa and fringe rosy, the former very slightly convex towards the base; exterior border straight, oblique towards the interior angle. Length of the body $4\frac{1}{2}$ lines; of the wings 15 lines.

a. Sydney. From Mr. Diggles' collection.

137. *CRYPTOLECHIA GECOPHORELLA*.

Mas. *Aurato-flava*; antennæ pubescentes; thorax et abdomen obscure fusca; pedes breves, robusti, tibiis posticis fimbriatis; alæ anticæ margine exteriori marginisque interioris dimidia exteriori roseis, strigis duabus discalibus obscurioribus postice approximatis; posticæ fimbria obscure cinerea.

Male. Gilded yellow. Palpi smooth, very slender, twice longer than the breadth of the head; third joint setiform, about twice longer than the second. Antennæ pubescent. Thorax except the tegulæ, and abdomen dark brown. Legs short, stout; hind tibiæ fringed. Wings elongate. Fore wings hardly acute with a broad rosy band, which extends along the exterior border and from thence along half the length of the interior border, but does not reach the costa; two darker rosy streaklets converging hindwards in the exterior disk, the outer one contiguous to the band; exterior border slightly convex and oblique. Hind wings brighter than the fore wings; fringe dark cinereous. Length of the body 5 lines; of the wings 14 lines.

a. Australia. Presented by the Entomological Club.

138. *CRYPTOLECHIA PUDORINELLA*.

Fœm. *Purpureo-rufa*; abdomen aurato-flavum; tibiæ posticæ fimbriatæ; alæ anticæ plaga apud angulum interiorem late rufa; posticæ aurato-flavæ.

Female. Purplish red. Palpi smooth, slender, very much longer than the breadth of the head; third joint setiform, shorter than the second. Abdomen and hind wings gilded yellow, the former extending rather beyond the latter. Legs rather slender; gilded yellow; hind tibiæ with a short fringe. Wings moderately broad. Fore wings hardly acute, with a chalybeous tinge; a transverse brighter red patch resting on the interior angle; fringe gilded yellow; exterior border straight, slightly oblique. Length of the body 5 lines; of the wings 12 lines.

a, b. Moreton Bay. From Mr. Diggles' collection.

139. CRYPTOLECHIA MARGINELLA.

♂. *Pallide ochracea, subtilus rosea; antennæ pubescentes; abdomen pallide flavo-cinereum; tibiæ posticæ fimbriatæ; alæ anticæ subacutæ, linea marginali rosea, fimbria schistacea; posticæ pallide flavo-cinereæ. Fœm.—Palpi nigricantes; alæ anticæ roseæ.*

Male. Pale ochraceous, mostly rosy beneath. Palpi smooth, nearly twice longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ pubescent. Abdomen and hind wings pale yellowish cinereous, the former extending a little beyond the latter. Hind tibiæ fringed. Fore wings slightly acute; marginal line rosy; fringe dark slaty cinereous; exterior border slightly convex, moderately oblique. **Female.**—Palpi mostly blackish. Antennæ smooth. Thorax and fore wings rosy. Length of the body 4—5 lines; of the wings 12—14 lines.

♂. Sydney. From Mr. Diggles' collection.

♀. Sydney. From Mr. Lambert's collection.

♂, ♀. Moreton Bay. From Mr. Diggles' collection.

140. CRYPTOLECHIA QUADRIPUSTULELLA.

Roseo-cinerea; caput album; palpi capitis latitudine multo longiores, articulo 2o latiusculo; thorax nigricante bimaculatus; alæ anticæ vix acutæ, macula basali maculaque costali nigricantibus; posticæ cinereæ.

Rosy cinereous, dingy cinereous beneath. Head white above. Palpi white, smooth, curved, much longer than the breadth of the head; second joint rather broad; third setiform, nearly as long as the second. Antennæ much shorter than the fore wings. Thorax with a blackish spot on each side. Legs smooth. Fore wings hardly acute, with a blackish basal spot, which is connected with the spot on the thorax; a larger blackish costal spot before the middle; exterior border slightly convex and oblique. Hind wings cinereous. Length of the body 4? lines; of the wings 10 lines.

♂. Sydney. From Mr. Lambert's collection.

141. CRYPTOLECHIA ABSTERSELLA.

Mas. *Alba; venter fusco maculatus; palpi articulo 2o subfimbriato basi fusco; antennæ subsetulosæ; abdomen flavescens; tarsi nigro fasciati; tibiæ anticæ nigro punctatæ; pedes postici flavescentes, tibiis fimbriatis; alæ anticæ flavido-albæ, apice rotundatæ, fasciis duabus indeterminatis pallidissimis cervinis, strigis tribus posticis transversis indeterminatis albis nigricante submarginatis, fascia marginali obscure cinerea lineolam albam nigricante marginatam includente, costa gibbosa; posticæ æneæ.*

Male. Silvery white. Body yellowish beneath. Palpi curved, obliquely ascending, much longer than the breadth of the head; second joint brown, except at the tip, with a short fringe on the under side; third setiform, shorter than the second. Antennæ setulose, little more than half the length of the fore wings. Hind tibiæ fringed. Fore wings lanceolate, ochraceous at the base; an ochraceous band, which extends from beyond the middle of the costa to the interior border near the base; an acutely angular ochraceous band, which extends obliquely from the tip to the disk, and thence to the hind end of the exterior border, and is there parallel to an ochraceous streak, which extends from the disk to the interior angle; exterior border with ochraceous points. Hind wings slightly cinereous; fringe yellowish, very long towards the interior angle. Length of the body 4? lines; of the wings 10 lines.

a. Moreton Bay. From Mr. Diggles' collection.

b. Sydney. From Mr. Lamberts' collection.

142. CRYPTOLECHIA ABALIENELLA.

Mas. *Pallide ochracea, robusta; antennæ pubescentes; tibiæ posticæ subfimbriatæ; alæ anticæ latiusculæ, breviusculæ, vix acutæ, plaga postica atomisque submarginalibus fuscis; posticæ fuscescente-cinereæ.*

Male. Pale ochraceous, stout. Palpi smooth, slender, very much longer than the breadth of the head; third joint setiform, nearly as long as the second. Antennæ pubescent. Abdomen extending rather beyond the hind wings. Legs stout; hind tibiæ slightly fringed. Wings rather short and broad. Fore wings slightly acute; costa hardly convex; exterior border slightly convex,

very oblique; a large brown patch occupying nearly the whole of the interior border, convex in front; some brown speckles towards the exterior border. Hind wings brownish cinereous; fringe pale. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Moreton Bay. From Mr. Diggles' collection.

143. CRYPTOLECHIA TRANSVERSELLA.

Mas. *Albida; caput hirsutum; palporum articulus 2us extus niger; antennæ setulosæ; abdomen cinereum; tibiæ posticæ fimbriatæ; alæ anticæ sat angustæ, apice subrotundatæ, nigricante conspersæ, fascia basali, plaga costali trigona, linea submarginali punctulari punctisque marginalibus nigricantibus, punctis quatuor discalibus nigris; posticæ æneo-cinereæ.*

Male. Whitish. Head above thickly clothed with short erect hairs. Palpi smooth, slender, twice longer than the breadth of the head; second joint black on the outer side, except at the tip; third setiform, shorter than the second. Antennæ setulose. Abdomen cinereous, extending rather beyond the hind wings. Hind tibiæ fringed. Wings rather narrow. Fore wings slightly rounded at the tips, minutely and irregularly blackish-speckled; a blackish band near the base; a blackish elongated triangular patch on the costa at a little before the middle; four black points in the disk; one contiguous to the patch, between the second and the third, which are more hindward; fourth and fifth behind the second and the third; submarginal line composed of elongated blackish points, slightly curved outward, angular near the costa; marginal points blackish; exterior border hardly convex, very oblique. Hind wings æneous-cinereous; fringe long. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a, b. Sydney. From Mr. Diggles' collection.

144. CRYPTOLECHIA FÆDATELLA.

Mas. *Cana; palpi graciles; antennæ pubescentes; alæ anticæ elongatæ, sat unguatæ, vix aculatæ, fusco conspersæ et plagiatae, fascia basali, plaga costali trigona, lituris tribus posticis, fascia exteriori punctisque marginalibus nigricantibus.*

Male. Hoary, closely allied to *C. transversella*. Palpi smooth, slender, twice longer than the breadth of the head; third joint setiform, much shorter than the second. Antennæ minutely pubescent.

Abdomen extending beyond the hind wings; apical tuft rather long. Wings elongate, rather narrow. Fore wings hardly acute, speckled and partly blotched with brown; a blackish band very near base, not extending to the interior border; a blackish triangular patch on the middle of the costa; three small blackish marks in the disk behind the patch, and an irregular blackish exterior band; marginal points blackish; exterior border slightly convex, very oblique. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. Australia. From Mr. Damel's collection.

145. CRYPTOLECHIA AMISSELLA.

Fem. *Cana*; abdomen cinereum, oviductu exserto; tibiae posticae late fimbriatae; alae anticae sat angustae, aeneo-fusco conspersae guttis quatuor discalibus elongatis strigaeque exterioris transversae nigricantibus, striga obliqua plagisque duabus aeneo-fuscis; posticae aeneo-cinerae.

Female. Hairy, shining. Antennae slender. Abdomen cinereous, extending rather beyond the hind wings; oviduct exserted, long. Hind tibiae broadly fringed. Wings rather narrow; fringed long. Fore wings minutely and irregularly speckled with aeneo-brown; four elongated blackish dots in the disk; third and fourth dots behind the first and the second; third a little beyond the first and fourth a little beyond the second; a short transverse blackish discal streak near the outer side of the fourth dot; an aeneous-brown streak extending obliquely outward from the second dot to the exterior border, and two aeneous-brown patches, one on the interior border, connected with the streak, the other apical; exterior border extremely oblique. Hind wings aeneous-cinereous. Length of the body 5 lines; of the wings 12 lines.

a. Tasmania. Presented by M. Allport, Esq.

146. CRYPTOLECHIA INDECORELLA.

Mas. *Cinerea*; antennae subpubescentes; alae anticae latiusculae, apice subrotundatae, atomis punctis fasciisque tribus latis abbreviatis fuscis, fasciis 1a 2aque interruptis, 3a apicali maculam cinereum marginentem includente.

Male. Cinereous. Hind tibiae slightly fringed. Antennae indistinctly pubescent. Wings rather broad. Fore wings slightly rounded at the tips, with a few brown speckles and elongated points,

with three broad oblique irregular brown bands, which are deviated hindward, and are accompanied by four black dots; first and second bands interrupted; third apical, including a small areaceous marginal space; marginal line brown; fringe brownish, except at the tip of the wing; costa straight, very slightly oblique. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

Sydney. From Mr. Lambert's collection.

147. CRYPTOLECHIA TURBATELLA.

Mas. *Pallide cinerea; caput hirsutum; palporum articulus 2us squamosus, nigro bimaculatus; thorax nigro binotatus; tibiæ posticæ late fimbriatæ; alæ anticæ nigro conspersæ, apice rotundatæ, fasciis tribus nigris obliquis fasciisque duabus submarginalibus denticulatis nigris, gutta maculaque nigris, hac albo guttata; posticæ æneo-cinereæ.*

Male. Pale cinereous, slender. Head thickly clothed with short erect hairs. Palpi slender, more than twice longer than breadth of the head; second joint squamous, with two black dots on the outer side; third setiform, much shorter than the second. Antennæ minutely pubescent. Thorax with a black mark on each side in front. Abdomen extending beyond the hind wings. Head cinereous-cinereous; hind tibiæ broadly fringed; joints of the feet with whitish tips. Wings moderately broad. Fore wings black-speckled, rounded at the tips, with three narrow black oblique irregular bands; first band very near the base; third interrupted by a black dot, beyond which there is a black spot, the latter nearly including a white dot; two narrow black denticulated submarginal bands, the first forming an inward angle near the costa; exterior border slightly convex, moderately oblique. Hind wings æneous-cinereous; fringe very long towards the interior border. Length of the body 5 lines; of the wings 14 lines.

Tasmania. Presented by M. Allport, Esq.

148. CRYPTOLECHIA SCOPARIELLA.

Mas. *Cana, gracilis, nigro conspersa; antennæ setulosæ; abdomen pallide cinereum; tibiæ posticæ late fimbriatæ; alæ anticæ longæ, angustæ, apice subrotundatæ, strigulis septem nigris, linea submarginali duplicata e punctis elongatis nigris; posticæ subæneo-cinereæ.*

Male. Hoary, slender, minutely black-speckled. Palpi smooth, slender, twice longer than the breadth of the head; third joint setiform, as long as the second. Antennæ minutely setulose. Abdomen pale cinereous, extending rather beyond the hind wings. Legs slender; hind tibiæ broadly fringed. Wings long, narrow. Fore wings slightly rounded at the tips; seven short black streaks of which four are near the base, and three beyond the middle and approximate to each other; a double submarginal line of elongate black points; exterior border straight, very oblique. Hind wings cinereous, with a slight æneous tinge. Length of the body 5 lines; of the wings 14 lines.

a. Australia. From Mr. Damel's collection.

149. CRYPTOLECHIA GELIDELLA.

Mas. *Alba; vertex et thoracis margo anticus subcervina; palpi articulo 3o apice fusciscente; thorax cervino bifasciatus; abdomen aurato-flavum; alæ anticæ lituris basalibus, fasciâ latissima fasciâque subapicali cinereis cervino variis, fasciâ 1a lineam albam angulosam includente fusco extus marginata; posticæ aurato-flavæ.*

Male. White. Vertex and fore border of the thorax tinged with fawn-colour. Palpi smooth, slender, twice longer than the breadth of the head; third joint setiform, brownish at the tip, a little shorter than the second. Antennæ smooth, slender. Thorax with two fawn-coloured bands. Abdomen and hind wings pale gilded yellow, the former extending somewhat beyond the latter. Legs slender; hind tibiæ not fringed. Fore wings rather narrow, rounded at the tips; markings cinereous, partly tinged with fawn-colour, some dots and streaks near the base; a very broad band, which is concave on the inner side, undulating and bordered with brown on the outer side, intersected by a zigzag white line, and contains a few black speckles; a small subapical band; costa and exterior border slightly convex, the latter extremely oblique. Length of the body, 4 lines; of the wings 10 lines.

a. Moreton Bay. From Mr. Diggles' collection.

150. CRYPTOLECHIA ACUTELLA.

Fœm. *Pallidissime cervina, subtus albida; palpi squamosi, sat validi, articulo 3o lanceolato; pedes breviusculi, sat validi,*

tibiis posticis subpilis; alæ anticæ nigricante subconsersæ, punctis duobus discalibus strigae exteriori obliqua nigricantibus; posticæ pallide flavæ.

Female. Very pale fawn-colour, whitish beneath. Palpiamous, rather stout, much longer than the breadth of the head; first joint lanceolate, much shorter than the second. Antennæ rather stout. Abdomen pale yellow, extending a little beyond the hind wings. Legs rather short and stout; hind tibiæ slightly pilose. Fore wings moderately broad, slightly and minutely blackish-speckled, with two blackish points in the disk, one before the middle, the other beyond the middle; an oblique blackish streak beyond the outer side of the second point and nearer the costa; exterior border straight, rather oblique. Hind wings pale yellow. Length of the body 4 lines; of the wings 10 lines.

Sydney. From Mr. Lambert's collection.

151. CRYPTOLECHIA? INCLUSELLA.

Mas. *Pallide flavæ; palpi rosei; antennæ dense setosæ; abdomen cervinum, segmentis albido marginatis; alæ anticæ latæ, roseo marginatæ, apice rectangulatæ; posticæ flavescente-albæ, apice roseæ.*

Male. Pale yellow, rather stout. Palpi smooth, slender, rosy, longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ thickly setose; the branches gradually increasing in length towards the tips. Abdomen fawn-colour, hardly extending beyond the hind wings; hind borders of the segments whitish; apical tuft pale yellow. Legs stout, rather short; hind tibiæ fringed. Wings broad. Fore wings rectangular at the base, bordered with rosy red; this hue brightest along the costa; anterior border hardly oblique in front, rather oblique hindward. Hind wings yellowish white, with rosy tips. Length of the body 11 lines; of the wings 17 lines.

Sydney. From Mr. Lambert's collection.

152. CRYPTOLECHIA? CIRCULATELLA.

Fœm. *Cinerea, sat gracilis; alæ anticæ latæ, flavescents, lineis plurimis transversis interruptis lineaque marginali rufis, costa rosea; posticæ flavescents-albæ.*

Female. Cinereous, rather slender, white beneath. Palpi smooth, more than twice longer than the breadth of the head. Antennæ rather slender. Abdomen yellowish white. Wings brown. Fore wings yellowish, much rounded at the tips, with numerous transverse more or less interrupted lines; marginal line red, slender; costa rosy, slightly convex; exterior border convex, slightly oblique. Hind wings whitish yellow. Length of the body 5 lines; of the wings 12 lines.

a. Moreton Bay. From Mr. Diggles' collection.

New Zealand.

153. CRYPTOLECHIA COARCTATELLA.

Mas. *Rufescente-cervina; palpi capitis latitudine duplo longiores; antennæ graciles, subsetulosæ; tibiæ posticæ subfimbriatæ; alæ anticæ punctis duobus nigris fere contiguis, margine exteriori subconvexo subobliquo; posticæ flavo-cinereæ, subauratæ.*

Male. Reddish fawn-colour, paler beneath. Palpi smooth, slender, twice longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ slender, very minutely setulose. Hind tibiæ slightly fringed. Wings moderately broad, slightly rounded at the tips. Fore wings with two black points on the disk beyond the middle; second point very near the second, but a little hindward and more exterior; exterior border slightly convex and oblique. Hind wings yellowish-cinereous, slightly gilded. Length of the body 6 lines; of the wings 16 lines.

a, b. Auckland, New Zealand. From Mr. Oxley's collection.

154. CRYPTOLECHIA COLLIGATELLA.

Mas. *Cana, sat robusta; antennæ crinigeræ; tibiæ posticæ robustæ, fimbriatæ; alæ anticæ latiusculæ, subacutæ, fuscoconspersæ, linea exteriori guttulari costam versus valde flexa, lineaque submarginali arcuata nigricantibus.*

Male. Hoary, rather stout. Palpi smooth, nearly twice longer than the breadth of the head; third joint setiform, as long as the second. Antennæ thickly clothed with long slender hairs. Abdomen extending rather beyond the hind wings. Hind tibiæ stout, fringed. Fore wings rather broad, minutely brown-speckled, slightly acute, with an exterior line composed of irregular blackish dots, and

very deeply retracted towards the costa; two blackish points in the disk nearer the base, and a submarginal curved line of blackish points; exterior border slightly convex, very oblique; under side with a brownish tinge. Length of the body 5 lines; of the wings 6 lines.

New Zealand. Presented by Col. Bolton.

155. CRYPTOLECHIA LICHENELLA.

Mas. *Flavescente-alba, gracilis; palporum articulus 3us nigro fasciculatus; antennæ vix pubescentes; abdomen cinereum; pedes nigricante fasciati; alæ anticæ elongatæ, sat angustæ, subacutæ, guttis sex costalibus nigris, strigis sex discalibus guttisque quatuor marginalibus ferrugineis; posticæ æneo-cinereæ.*

Male. Yellowish white, slender. Palpi twice longer than the breadth of the head; third joint setiform, with a small black tuft before its middle, a little shorter than the second. Antennæ hardly pubescent. Abdomen cinereous, extending much beyond the hind wings. Tibiæ and tarsi with blackish bands. Wings elongate, rather narrow. Fore wings slightly acute, with six black costal dots and with six ferruginous streaks in the disk; of these the longest is near the base and is slightly bent; two are contiguous to the third and fourth costal dots, and one is transverse and more exterior than the others; four ferruginous dots along the exterior border, which is slightly convex and moderately oblique. Hind wings æneous-cinereous. Length of the body 5 lines; of the wings 14 lines.

a. New Zealand. Presented by Dr. Sinclair.

Country unknown.

156. CRYPTOLECHIA SPURCATELLA.

Mas. *Cinerea; antennæ pubescentes; abdomen æneo-fuscescens; tibiæ posticæ non fimbriatæ; alæ anticæ apice rotundatæ, vitta postica latissima æneo-fusca; posticæ æneo-fusca.*

Male. Cinereous. Palpi smooth, slender, much longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ minutely pubescent. Abdomen above, except at the tip, and hind wings brownish, with an æneous tinge. Legs

short, stout, smooth; hind tibiæ not fringed. Fore wings rounded at the tips; about half the breadth from the interior border to two-thirds of the length æneous-brown; costa slightly convex along half the length from the base; exterior border convex, hardly oblique. Length of the body 6 lines; of the wings 14 lines.

a. ——— ?

157. CRYPTOLECHIA METAPHÆELLA.

Mas. Alba; palpi graciles; abdomen alas posticas non superans; tibiæ posticæ fimbriatæ; alæ anticæ ex parte cinereo nobulosæ; plaga postica lineaque submarginali transversa diffusa denticulata cinereis, punctis marginalibus nigris.

Male. White. Palpi smooth, slender, much longer than the breadth of the head; third joint setiform, shorter than the second. Abdomen not extending beyond the hind wings. Hind tibiæ fringed. Wings moderately broad. Fore wings somewhat rounded at the tips, partly clouded with dark cinereous, this hue most prevalent along the basal part of the interior border, where it forms an oblong patch; a transverse diffuse cinereous line at five-sixths of the length; marginal points black; exterior border slightly convex and oblique. Length of the body 5 lines; of the wings 16 lines.

a, b. ——— ?

158. CRYPTOLECHIA GRAPHIPHORELLA.

Mas. Pallide cærulea; palporum articulus 2us extus niger, 3us apice niger; alæ anticæ maculis tribus guttaque exteriore discali nigris; posticæ fusco-cinereæ.

Male. Pale fawn-colour. Palpi smooth, twice longer than the breadth of the head; second joint black on the outside, except towards the tip; third setiform, black at the tip, as long as the second. Antennæ setulose. Legs stout, smooth. Wings moderately broad. Fore wings much rounded at their tips, the curve commencing before the end of the costa; three black spots before the middle, and a black dot in the disk beyond the middle; first spot in a line with the dot; second more hindward than the first, and a little more exterior; third elongate, behind the second; exterior border very oblique hindward. Hind wings brownish cinereous. Length of the body 7 lines; of the wings 18 lines.

a. ——— ? Presented by E. Doubleday, Esq.

159. CRYPTOLECHIA PORPHYRINELLA.

Mas. *Alba; palporum articulus 2us nigricans, squamosus; antennæ pubescentes; tibiæ posteriores fimbriatæ; abdomen aurato-flavum; alæ anticæ vitta purpurea antice emittente apud marginem anteriorem dilutata; posticæ aurato-flavæ.*

Male. White. Under side, abdomen and legs gilded yellow. Palpi much longer than the breadth of the head; second joint squamous, blackish, except at the tip; third setiform, a little shorter than the second. Antennæ minutely pubescent. Abdomen extending beyond the hind wings. Posterior tibiæ fringed. Fore wings rather narrow, rounded at the tips, with a purple stripe, which occupies the costa at the base, forms an angle towards the costa before the middle, and is dilated along the exterior border to the tip of the wing and to the interior angle; exterior border slightly convex, very oblique. Length of the body 7 lines; of the wings 14 lines.

a. ——— ?

160. CRYPTOLECHIA CONTRARIELLA.

Mas. *Alba; palpi capitis latitudine longiores, articulo 2o basi nigro; antennæ vix pubescentes; pedes nigricantes. tibiis posticis cinereis subfimbriatis; alæ anticæ latiusculæ, apice rotundatæ, fusco conspersæ, guttis duabus basalibus, gutta discali, plaga costali lineaque exteriori arcuata nigris; posticæ cinereæ.*

Male. White. Palpi curved, smooth, longer than the breadth of the head; second joint black towards the base; third lanceolate, shorter than the second. Antennæ hardly pubescent. Abdomen cinereous, extending beyond the hind wings. Legs blackish; hind tibiæ and hind tarsi cinereous, the former slightly fringed. Wings rather broad, dark cinereous beneath. Fore wings minutely brown-speckled, rounded at the tips; two black basal dots, one on the costa, the other on the interior border; a black discal dot at one-third of the length, a black costal patch beyond the middle, and an exterior outward-curved black line; exterior border straight, very slightly oblique. Hind wings cinereous; fringe paler. Length of the body 4 lines; of the wings 10 lines.

a. ——— ?

161. CRYPTOLECHIA ALBULELLA.

Mas. *Alba; palpi pedesque pallide cervini; antennæ pubescentes; alæ anticæ sat angustæ, apice rotundatæ, subtus pallide cervinæ; posticæ æneo subtinctæ.*

Male. White. Palpi, antennæ and legs pale fawn-colour. Palpi smooth, slender, much longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ pubescent. Fore wings rather narrow, rounded at the tips; exterior border convex; under side mostly pale fawn-colour. Hind wings with a slight æneous tinge. Length of the body 4 lines; of the wings 10 lines.

a. ——— ?

162. CRYPTOLECHIA INSCITELLA.

Argenteo-alba, robusta; pedes squamosi, tibiis posticis subfimbriatis; alæ subtus cinereæ; anticæ apice rotundatæ, macula magna postmedia atomisque nonnullis exterioribus cupreoneigris.

Silvery white, stout. Palpi smooth, rather slender. Legs squamous; hind tibiæ slightly fringed. Wings moderately broad, cinereous beneath; fringe long. Fore wings rounded at the tips, with a large cupreous black spot on the costa beyond the middle and some cupreous-black speckles near the exterior border, which is straight and moderately oblique. Length of the body 4 lines; of the wings 10 lines.

a. ——— ?

Genus 49. LOXOTOMA.

Loxotoma, Zl.

1. LOXOTOMA ELEGANS.

elegans, Zl.

Colombia. Orinoco.

Genus 50. AUXOCROSSA.

Auxocrossa, Zl.

1. AUXOCROSSA HOPFFERI.

Hopfferi, Zl.

Para.

Genus 51. ANTÆOTRICHIA.

Antæotricha, Zl.

1. ANTÆOTRICHIA WALCHIANA.

Walchiana, Cramer—griseana? F.—griseanum, Zl. olim.
Brazil.

2. ANTÆOTRICHIA FASCICULARIS.

Fascicularis, Zl.
Brazil.

3. ANTÆOTRICHIA INQUINULA.

Inquinula, Mus. Berl. (MSS.), Zl.
Para.

4. ANTÆOTRICHIA BINUBILA.

Binubila, Mus. Berl. (MSS.), Zl.
Brazil.

5. ANTÆOTRICHIA BASALIS.

Basalis, Zl.
Brazil.

6. ANTÆOTRICHIA UMBRATELLA.

Mas. *Fusca, robusta; antennæ pubescentes; abdomen alas posticas longe superans; alæ anticæ cinereo-fuscae, apice rotundatæ, plaga ante media guttaque post media nigricantibus, spatio intermedio cinereo lituras tres nigricantes includente, lunulis marginalibus cinereis.*

Male. Brown, stout, cinereous beneath. Palpi smooth, stout, much longer than the breadth of the head; third joint lanceolate, shorter than the second. Antennæ pubescent. Abdomen long, extending much beyond the hind wings; apical appendages rather large. Legs stout. Wings moderately broad. Fore wings cinereous-brown, rounded at the tips; a blackish patch in the disk near the base, and a blackish dot beyond the middle; a cinereous space containing three small blackish marks, extending from the costa to the disk between the dot and the patch; marginal lunules cinereous;

minute; exterior border convex, not oblique. Hind wings with a cinereous fringe. Length of the body 5 lines; of the wing 10 lines.

a. Ega. From Mr. Bates' collection.

Genus 52. MESOPTYCHA.

Mesoptycha, Zl.

1. MESOPTYCHA NICITANS.

nictitans, *Mus. Berl. (MSS.)*, Zl.

Para.

Genus 53. PALPARIA.

Palparia, *Wing*.

1. PALPARIA LAMBERTELLA.

Lambertella, *Wing*.

a. Sydney. From Mr. Lambert's collection.

b, c. Sydney. Presented by E. Doubleday, Esq.

d. Sydney. From Mr. Diggles' collection.

2. PALPARIA AURATA.

Mas. Aurato-flava, roseo sublinctæ; antennæ subsetulosæ; tibia posticæ late fimbriatæ; alæ anticæ valde falcatæ, linea discalifera rufa strigam posticam emittente; posticæ apice roseo tinctæ.

Male. Bright gilded ochraceous. Thorax fawn-colour, with a purplish tinge. Anterior legs beneath dark purplish cinereous; costa, fringe and subcostal vein dark purplish fawn-colour, the vein emitting a hindward streak of the same hue; under side rosy. Length of the body 6 lines; of the wings 16 lines.

Fœm. Aurato-ochracea, subtus rosea; thorax purpureo-cervinus; pedes anteriores subtus purpureo-cinerei; alæ anticæ costa fimbria venaque subcostali obscure purpureo-cervinis.

Female. Gilded yellow. Head, thorax and fore wings tinged with rosy. Palpi very much longer than the breadth of the head; second joint with a porrect dense lanceolate tuft; third joint setiform, a little shorter than the second. Antennæ very minutely setulose.

Abdomen extending very little beyond the hind wings. Legs rosy; hind tibiæ broadly fringed, with gilded yellow hairs. Fore wings acute, very falcate, with a bright red discal line, which emits a short less distinct streak directly hindward; a crease in the hinder disk extending to the end of the interior border; exterior border extremely oblique. Hind wings with a rosy tinge towards the tips. Length of the body 7 lines; of the wings 18 lines.

a, b. Australia. From Mr. Damel's collection.

c. Moreton Bay. From Mr. Diggles' collection.

d. Australia. From Mr. Hunter's collection.

3. PALPARIA RECTIORELLA.

Mas. *Pallide flava; antennæ subsetulosæ; abdomen albidum, segmentis 2o 3oque roseo tinctis; alæ anticæ vix falcatae, costa subconvexa, margine exteriori subrecto perobliquo; posticæ roseo-albidæ.*

Male. Pale yellow. Palpi very much longer than the breadth of the head; second joint with a very long porrect fringe; third setiform, as long as the second. Antennæ very minutely setulose. Abdomen whitish, with a rosy tinge on the second and third segments. Fore wings acute, hardly falcate; costa slightly convex; exterior border almost straight, very oblique. Hind wings whitish, with a rosy tinge, which does not extend to the base nor to the fringe. Length of the body 6 lines; of the wings 17 lines.

a. Australia. From Mr. Damel's collection.

b. Sydney. From Mr. Lambert's collection.

4. PALPARIA AURIGENA.

Mas. *Rosea; antennæ dense setosæ; abdomen roseo-albidum; tibiæ posticæ robustæ; alæ anticæ acutæ, flavo substrigatæ, costa vix convexa; posticæ flavo-albæ, roseo marginatæ.* Fœm.—*Alæ anticæ roseæ, minus acutæ; antennæ glabræ, graciles.* Var. β .—*Caput, thorax et alæ anticæ lætissime ochracea.*

Male. Rosy. Palpi much longer than the breadth of the head; second joint furnished with a long lanceolate porrect tuft; third linear, slender, much shorter than the second. Antennæ thickly setose. Abdomen rosy whitish, extending a little beyond the hind wings. Legs smooth; hind tibiæ slightly incrassated. Fore wings acute, indistinctly streaked with yellow; costa and exterior border

very slightly convex, the latter very oblique. Hind wings yellowish white, tinged with rosy towards the tips and along the exterior border. *Female*.—Fore wings wholly rosy, less acute than those of the male. Hind wings not tinged with rosy, except the fringe towards the tips. Antennæ smooth, slender. *Var. β*.—Head, thorax and fore wings very bright ochraceous. Under side of the fore wings with a rosy disk. Length of the body 4—5 lines; of the wings 13—15 lines.

a. Sydney. From Mr. Lambert's collection.

b. Australia. From Mr. Damel's collection.

c. Tasmania. Presented by R. Butler, Esq.

5. PALPARIA CONFECTELLA.

Mas. *Ochracea; antennæ longissime setosæ, apices versus nudæ; abdomen subflavescente-albidum; alæ anticæ vix acutæ, rosæ ex parte subinctæ, linea submarginali rosea flexa, subtus rosæ flavo marginatæ; posticæ subflavescente-albidæ apices versus subrosæ.*

Male. Ochraceous. Palpi in structure like those of *P. rectiorella*. Antennæ, except towards the tips, with long thick-set setæ. Abdomen and hind wings whitish, slightly tinged with yellow. Fore wings hardly acute, partly and slightly rosy-tinged; a submarginal transverse rosy line, which is bent towards the interior border and more acutely bent towards the costa; costa and exterior border very slightly convex, the latter rather oblique; under side bright rosy, bordered with gilded yellow. Hind wings with a rosy tinge towards the tips; under side gilded yellow. Length of the body 6 lines; of the wings 16 lines.

a. Sydney. From Mr. Diggles' collection.

Genus 54. TORTRICOPSIS

Tortricopsis. Nwm.

1. TORTRICOPSIS ROSABELLA.

Rosabella, Nwm.

a, b. Australia. From Mr. Diggles' collection.

c. Australia. From Mr. Damel's collection.

2. *TORTRICOPSIS SEMIJUNCTELLA*.

Mas et fœm. *Rufescente-ochracea; abdomen aurato-flavum; alæ anticae lituris sex costalibus nigris, 2a 3a oblique elongatis. Mas.—Antennæ setulosæ; abdomen apice rufum; alæ anticae chalybeo-cinereæ; posticae fimbria chalybeo-cinerea.*

Male and female. Reddish ochraceous, paler beneath. Second joint of the palpi with a securiform fringe. Abdomen and hind wings gilded yellow. Fore wings with six small blackish costal marks; first mark basal; second and third extending obliquely outward to the disk; fourth, fifth and sixth very small; under side brighter red. **Male.**—Antennæ setulose. Thorax and fore wings with a chalybeous-cinereous tinge. Under side and apical tuft of the abdomen very bright red. Hind wings with a chalybeous-cinereous fringe. Length of the body $5\frac{1}{2}$ lines; of the wings 14 lines.

This species may be distinguished from *T. Rosabella* by the costal marks of the fore wings.

a—c. Sydney. From Mr. Lambert's collection.

Genus 55. *BOYDIA*.

Boydia, *Num.*

1. *BOYDIA CRINIFERELLA*.

criniferella, *Num.*

Australia.

Genus 56. *ANORTHOSIA*.

Anorthosia, *Clms.*

1. *ANORTHOSIA PUNCTIPENNELLA*.

punctipennella, *Clms.*

United States.

Genus 57. *STROBISIA*?

Strobisia, *Clms.*

1. STROBISIA IRIDIPENNELLA.

iridipennella, *Clms.*

United States.

2. STROBISIA EMBLEMELLA.

emblemella, *Clms.*

United States.

Genus 58. EVAGORA.

Evagora, *Clms.*

1. EVAGORA APICITRIPUNCTELLA.

apicitripunctella, *Clms.*

Genus 59. TRICHOTAPHE.

Trichotaphe, *Clms.*

1. TRICHOTAPHE SETOSELLA.

setosella, *Clms.*

United States.

2. TRICHOTAPHE JUNCIDELLA.

juncidella, *Clms.*

United States.

Genus 60. CALLIMA.

Callima, *Clms.*

1. CALLIMA ARGENTICINCTELLA.

argenticinctella, *Clms.*

United States.

Genus 61. TRYPANISMA.

Trypanisma, *Clms.*

1. TRYPANISMA PRUDENS.

prudens, *Clms.*

United States.

Genus 62. MACHIMIA.

Machimia, Clms.

1. MACHIMIA TENTORIFERELLA.

tentoriferella, Clms.

United States.

Genus 63. PSILOCORSIS.

Psilocorsis, Clms.

1. PSILOCORSIS QUERCICELLA.

quercicella, Clms.

United States.

2. PSILOCORSIS REFLEXELLA.

reflexella, Clms.

United States.

Genus 64. MENESTA.

Menesta, Clms.

1. MENESTA TORTRICIFORMELLA.

tortriciformella, Clms.

United States.

Genus 65. CIMITRA.

Fœm. Corpus sat validum. Proboscis nulla. Palpi oblique ascendentes, capitis latitudine breviores; articulus 2us pilosus, subarcuatus; 3us sublinearis; 2i dimidio non longior. Antennæ sat robustæ. Abdomen alas posticas plus dimidio superans; oviductus exsertus. Tibiæ posticæ fimbriatæ. Alæ anticæ spissæ, sat angustæ, apice rotundatæ, margine exteriori perobliquo vix convexo.

Allied to the *Tineidæ*. *Female*.—Body moderately stout. Proboscis obsolete. Palpi obliquely ascending, shorter than the breadth of the head; second joint pilose, slightly curved; third nearly linear, about half the length of the second. Antennæ smooth, rather stout. Abdomen extending for more than half its length beyond the hind wings; oviduct exserted. Legs smooth, moderately long and stout;

hind tibiæ thinly fringed with very long hairs; spurs long. Wings dense, rather narrow; fringe long. Fore wings rounded at the tip, costa and exterior border hardly convex, the latter very oblique; veins much like those of *Depressaria* in structure.

1. CIMITRA SECLUSELLA.

Fœm. *Cinerea; alæ anticæ squamis fuscis nigrisque asperæ, fasciis duabus fuscis latis obliquis excavatis, punctis marginalibus nigris.*

Female. Cinereous. Fore wings rough, with many brown and black scales, and with two broad oblique excavated brown bands; row of black marginal points. Hind wings, abdomen and under side a little paler. Length of the body $4\frac{1}{2}$ lines; of the wings 11 lines.

a. Ceylon. Presented by Dr. Templeton.

Genus 66. TINISSA.

Mas. Corpus sat robustum. Caput pilis erectis vestitum. Proboscis brevissima. Palpi erecti, capitis latitudine longiores. articulo 2o densissime piloso, 3o lanceolato pubescente. Antennæ breves, setulosæ. Abdomen alas posticas dimidio superans. Pedes robusti; tibiæ posticæ fasciculatæ. Alæ anticæ subacutæ, marginis exterioris recto sat obliquo.

Allied to the *Tineidæ*. **Male.**—Body rather stout. Palpi very slightly curved, a little longer than the breadth of the head; second joint densely clothed beneath with long hairs; third joint lanceolate, a little shorter than the second. Antennæ stout, thickly setulose, much shorter than the fore wings. Legs stout; hind tibiæ most densely tufted. Wings rather narrow, slightly acute; exterior border straight, rather oblique.

1. TINISSA TORVELLA.

Mas. *Cinerea; palpi articulo 2o supra nigricante, 3o fasciis duabus fuscis; tarsi nigricante fasciati; alæ anticæ æneæ fuscæ, punctis plurimis albidis; posticæ æneæ.*

Male. Cinereous. Second joint of the palpi blackish above; hairs blackish towards the base; third with two brown bands. Abdomen extending much beyond the hind wings. Tarsi with

blackish bands. Fore wings æneous-brown, with many whitish points, which are largest and most concise along the costa and along the interior border; fringe æneous. Hind wings æneous; fringe long towards the interior angle. Length of the body 5 lines; of the wings 12 lines.

a. ———?

Genus 67. IPPA.

Mas. Corpus sat gracile. Caput pilis squamosis deusissime vestitum. Palpi ascendentes, robusti, subarcuati, squamoso-pilosi, capitis latitudine paullo longiores; articulus 3us lanceolatus 2o paullo brevior. Antennæ glabræ, robustæ. Abdomen alas posticas plus dimidio superans. Pedes robusti. Alæ anticæ longæ, angustæ, vix acutæ, margine exteriore subconvexo perobliquo.

Allied to the *Tineidæ*. *Male*.—Body rather slender. Head very thickly clothed with short squamous hairs. Palpi ascending, stout, very slightly curved, a little longer than the breadth of the head, thickly covered in front with short smooth squamous hairs; third joint lanceolate, a little shorter than the second. Antennæ smooth, stout, nearly as long as the fore wings. Abdomen extending for more than half its length beyond the hind wings. Legs stout, smooth; spurs long. Wings long, narrow, hardly acute; fringe long. Fore wings with a slightly convex and extremely oblique exterior border.

1. IPPA VACIVELLA.

Mas. Subæneo-cinerea; alæ anticæ nigro conspersæ, punctis marginalibus nigris, punctis quatuor costalibus majoribus guttisque duabus discalibus nigris.

Male. Cinereous, with a slight æneous tinge. Fore wings minutely black speckled, with black points along the apical part of the costa and along the exterior border; four larger black points on the costa, two near the base and two beyond the middle; two black dots in the disk, one near the base, the other beyond the middle. Hind wings a little paler than the fore wings. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. North Hindostan. Presented by Capt. Strachey.

Genus 68. GERONTHA.

Fam. Corpus sat gracile. Caput latum, antice pilosum. Oculi extantes. Proboscis brevissima. Palpi angulati, capitis latitudine non breviores; articulus 2us hirsutus; 3us squamosus, lanceolatus, suberectus, 2i dimidio non longior. Antennæ læves, sat robustæ. Abdomen alas posticas longissime superans. Pedes longi, sat validi; tibiæ intermediæ pilosæ; tibiæ posticæ subpilosæ. Alæ anticæ longæ, angustæ, apice rotundatæ, margine exteriori convexo perobliquo.

Allied to the *Tineidæ*. *Female*.—Body rather slender. Head broad, prominent and pilose in front. Eyes very prominent. Proboscis very short. Palpi as long as the breadth of the head; second joint thickly hirsute; third squamous, lanceolate, nearly erect, about half the length of the second, with which it forms an angle. Antennæ smooth, rather stout, somewhat shorter than the fore wings. Abdomen extending very far beyond the hind wings. Legs long, rather stout; middle tibiæ pilose; hind tibiæ slightly pilose, with four long spurs. Wings long and narrow. Fore wings rounded at the tips; exterior border convex, very oblique; discal areolet long; three inferior veins; the second forked.

1. GERONTHA CAPTIOSELLA.

Fæm. *Fuscescente-cinerea*; palporum articulus 2us nigro pilosus; tibiæ posticæ nigro pilosæ; alæ anticæ fusco conspersæ, litura discali parva nigricante, punctis marginalibus nigris.

Female. Brownish cinereous. Second joint of the palpi beset with stout black hairs. Hind tibiæ clothed with black hairs. Fore wings speckled with brown; a small blackish mark at the end of the discal areolet; marginal points black. Length of the body 7 lines; of the wings 14 lines..

a. Ceylon. Presented by Dr. Templeton.

Genus 69. TIMYRA.

Fæm. Corpus sat robustum. Proboscis mediocris. Palpi erecti, pubescentes, subpilosi, capitis latitudine duplo longiores; articulus 3us lanceolatus, 2o brevior. Palpi maxillares latissime et

densissime squamoso pilosi, capitis latitudine breviores. Antennæ glabræ, alis anticis paullo breviores. Abdomen alas posticas superans. Pedes lati, læves, tarsis posticis tibiisque dense fimbriatis. Alæ anticæ elongatæ, apice rotundatæ, margine exteriori subconvexo.

Allied to the *Tineidæ*. *Female*.—Body rather stout. Proboscis moderately long. Palpi vertical, pubescent, thinly clothed with long hairs, twice longer than the breadth of the head; third joint lanceolate, shorter than the second. Maxillary palpi very broadly and thickly clothed with squamous hairs, shorter than the breadth of the head. Antennæ smooth, a little shorter than the fore wings. Abdomen extending beyond the hind wings. Legs broad, smooth; tibiæ and hind tarsi densely fringed; spurs long. Wings elongate, moderately broad. Fore wings rounded at the tips; exterior border slightly convex, moderately oblique; veins much like those of *Depressaria*.

1. TIMYRA PHYCISELLA.

Fœm. *Cinereo-flavescens*; caput cupreum; antennæ testaceæ; alæ anticæ fasciis tribus cupreis, 1a basali, 2a 3aque latissimis connexis, 3a submarginuli, linea marginali fimbriaque cupreis.

Female. Cinereous-yellowish. Head and palpi cupreous. Antennæ testaceous. Tibiæ mostly cupreous, and fringed with cupreous hairs. Hind tarsi cupreous, and with cupreous hairs towards the tips. Fore wings with three cupreous bands; first basal; second and third very broad; second contracted towards the costa, irregularly connected hindward with the third, which is submarginal; marginal line dark cupreous; fringe cupreous, cinereous at the base. Length of the body 5 lines; of the wings 12 lines.

a. Ceylon. Presented by Dr. Templeton.

Genus 70. OSCELLA.

Mas. Corpus sat robustum. Proboscis nulla. Palpi subarcuati, subscendentes, subtus dense pilosi, capitis latitudine longiores; articulus 3us lanceolatus, 2o valde brevior. Antennæ breves, graciles, glabræ; articulus 1us dense pilosus. Abdomen alas posticas longe superans; fasciculus apicalis latus. Tibiæ posticæ late fimbriatæ. Alæ anticæ elongatæ, apice rotundatæ, costa convexa, margine exteriori perobliquo, margine interiori extus subexcavato.

Allied to the *Tineidæ*. *Male*.—Body rather stout. Proboscis obsolete. Palpi very slightly curved and ascending, longer than the breadth of the head, thickly pilose beneath to the tip of the third joint, which is lanceolate and much shorter than the second. Antennæ smooth, slender, not more than half the length of the fore wings; first joint thickly pilose. Abdomen extending much beyond the hind wings; apical tuft broad. Legs moderately long; fore legs short; posterior tibiæ broadly fringed. Wings elongate, moderately broad; fringe long. Fore wings rounded at the tips; costæ convex; exterior border extremely oblique; outward half of the interior border slightly excavated.

1. OSCELLA ÆNEONIVELLA.

Mas. *Alba*; abdomen pallide æneum; alæ anticæ nigro subcostæ sparsæ, lituris paucis transversis nigris; posticæ æneæ, fimbriæ alba.

Male. White. Abdomen and hind wings pale æneous, the latter darker beneath. Fore wings thinly and very minutely black speckled; a few larger transverse black marks; under side æneous except the fringe. Hind wings with a white fringe. Length of the body 6—8 lines; of the wings 16—20 lines.

a, b. Venezuela. From Mr. Dyson's collection.

c. ——— ?

Genus 71. PHLONGIA.

Fœm. Corpus robustum. Caput pilosum. Proboscis nulla. Palpi recti, ascendentes, capitis latitudine non longiores; articulus 2us pilosus; 3us lanceolatus, pubescens, basi pilosus, 2i dimidio non longior. Antennæ breviusculæ, sat graciles. Abdomen alæ posticas plus dimidio superans. Pedes robusti, breviusculi. Alæ anticæ longæ, latiusculæ, apice rotundatæ, margine exteriori subconvexo.

Female. Body stout. Head pilose. Proboscis obsolete. Palpi straight, ascending, not longer than the breadth of the head; second joint pilose; third lanceolate, pubescent, pilose at the base, about half the length of the second. Antennæ rather short and slender. Abdomen extending rather more than half its length beyond the hind wings. Legs stout, rather short, squamous-pilose to the tip of the tarsi; spurs long. Wings long, rather broad. Fore wings rounded at the tips; exterior border slightly convex, moderately oblique.

1. PHLONGIA FERRARENELLA.

Fœm. *Cana; alæ anticæ atomis ferrugineis et nigricantibus densissime conspersæ; posticæ æneæ, fimbria cinerea.*

Female. Hoary. Fore wings very thickly covered with minute ferruginous and blackish speckles. Hind wings æneous; fringe cinereous. Length of the body 7 lines; of the wings 18 lines.

a. ——— ?

Genus 72. SAFRA.

Fœm. Corpus sat robustum. Caput læve. Proboscis nulla. Palpi capitis latitudine longiores; articulus 2us subfimbriatus; 3us lanceolatus, oblique ascendens, 2o non brevior. Antennæ alis anticis multo breviores. Abdomen attenuatum, alas posticas longe superans. Pedes longiusculi; tibiæ posticæ fimbriatæ. Alæ anticæ longæ, sat angustæ, apice rotundatæ, margine exteriori subconvexo perobliquo.

Allied to the *Tineidæ*. **Female.**—Body rather stout. Head smooth. Proboscis obsolete. Palpi longer than the breadth of the head; second joint with a short fringe beneath; third lanceolate, obliquely ascending, as long as the second. Antennæ much shorter than the fore wings. Abdomen attenuated, extending much beyond the hind wings. Legs rather long; hind tibiæ fringed. Wings long, rather narrow. Fore wings rounded at the tips; exterior border slightly convex, extremely oblique. Hind wings with a long fringe.

1. SAFRA BOGOTATELLA.

Fœm. *Cinereo-cervina; alæ anticæ maculis guttisque variis nigricantibus, costa margineque exteriori nigricante seriatim guttatis.*

Female. Cinereous fawn-colour, more cinereous beneath. Fore wings with blackish spots and dots of various size in the disk; costa and exterior border with regular blackish dots at equal distances. Length of the body 5—7 lines; of the wings 12—18 lines.

a—d. Bogota. From Mr. Stevens' collection.

Genus 73. CASAPE.

Mas. Corpus sat robustum. Caput pilis erectis vestitum. Proboscis nulla. Palpi capitis latitudine paullo longiores; articulus 2us subfimbriatus; 3us fusiformis, 2o valde brevior. Antennæ glabræ. Abdomen alas posticas longe superans. Pedes validi; tibiæ posticæ subfimbriatæ. Alæ anticæ latæ, apice rotundatæ, margine exteriori convexo sat obliquo.

Allied to the *Tineidæ*. *Male*.—Body moderately stout. Head with short erect hairs. Proboscis obsolete. Palpi a little longer than the breadth of the head; second joint with a short thick fringe beneath; third fusiform, much shorter than the second. Antennæ smooth. Abdomen extending beyond the hind wings. Legs stout; hind tibiæ slightly fringed. Wings broad; fringe moderately long. Fore wings rounded at the tips; exterior border convex, rather oblique.

1. CASAPE PAUCULELLA.

Mas. *Testaceo-albida; alæ anticæ atomis nonnullis indistinctis fusciscentibus, lituris tribus maculaque exteriori costalibus punctis duobus discalibus punctoque marginali nigricantibus; posticæ cinereæ.*

Male. Testaceous-whitish. Fore wings with some indistinct brownish speckles; four blackish costal marks; first mark extending to the disk, much larger than the other three; a blackish point in the disk rather nearer the base than the first mark; a second blackish point in the disk between the second mark and a blackish spot on the interior border; a blackish dot on the exterior border; under side brownish. Hind wings cinereous. Length of the body 3 lines; of the wings 9 lines.

a. Venezuela. From Mr. Dyson's collection.

Genus 74. IZATHA.

Fœm. Corpus sat robustum. Proboscis brevis. Palpi arcuati, capitis latitudine duplo longiores; articulus 2us squamoso-hirsutus; 3us setiformis, 2o paullo brevior. Antennæ graciles. Abdomen alas posticas longe superans. Pedes longiusculi, sat robusti; tibiæ posticæ subpilosæ. Alæ anticæ longæ, asperæ, apice subrotundatæ, costa exteriori subincisa, margine exteriori subobliquo vix convexo.

Allied to *Depressaria*. *Female*.—Body rather stout. Proboscis short. Palpi curved, ascending high above the vertex, twice as long as the breadth of the head; second joint squamous-hirsute; third setiform, a little shorter than the second. Antennæ smooth, slender. Abdomen extending much beyond the hind wings. Legs rather long and stout; hind tibiæ slightly pilose; spurs long. Wings long, moderately broad. Fore wings slightly rounded at the tips, with a few tufts of obliquely elevated scales; costa slightly notched beyond the middle; exterior border hardly convex, slightly oblique,

1. *IZATHA ATTAOTELLA*.

Mas. *Cana, nigricante conspersa; palporum articulus 3us nigricante trifasciatus; alæ anticæ guttis discalibus parvis transversis fuscis, vitta tenui fracta nigra, punctis discalibus nigricantibus elongatis; posticæ pallide cinereæ.* *Var.*—*Alæ anticæ fusco nebulosæ.*

Male. Hoary, minutely blackish-speckled, cinereous and shining beneath. Third joint of the palpi with three blackish bands. Fore wings with a black slightly dislocated line, which is darkest and most concise towards the base, and does not extend to the tip of the wing; marginal points blackish, elongated, extending also along the exterior part of the costa; some small transverse irregular brown dots in the disk. Hind wings pale cinereous, shining. *Var.*—Fore wings clouded with brown. Length of the body 6—8 lines; of the wings 16—20 lines.

s—m. New Zealand. Presented by Col. Bolton.

o, p. New Zealand. Presented by Dr. Sinclair.

Genus 75. *CHEZALA*.

Fæm. Corpus sat robustum. Palpi vix arcuati, capitis latitudine plus duplo longiores; articulus 2us pubescens; 3us setiformis, 2o brevior. Tibiæ posticæ late fimbriatæ. Alæ anticæ amplæ, subacutæ.

Allied to *Depressaria*. *Female*.—Body moderately stout. Palpi hardly curved, much longer than twice the breadth of the head; second joint pubescent; third setiform, shorter than the second. Hind tibiæ broadly fringed. Wings ample. Fore wings slightly acute.

1. CHEZALA ALLATELLA.

Fœm. *Pallide cervina ; palporum articulus 2us nigro conspersus alæ anticæ nigro conspersæ, punctis duobus discalibus punctis que submarginalibus nigris ; posticæ cinereæ.*

Female. Pale fawn-colour. Second joint of the palpi black speckled. Fore wings minutely speckled with black ; two black points in the disk, one before the middle, the other beyond the middle ; a row of minute ill-defined submarginal black points. Hind wings cinereous. Length of the body 6 lines ; of the wings 17 lines.

a. Australia. From Mr. Damel's collection.

Genus 76. TONICA.

Fœm. Corpus robustum. Caput pilosum. Proboscis brevis. Palpi graciles, angulati, arcuati, capitis latitudine triplo longiores. articulus 2us porrectus, fimbriatus ; 3us setiformis, erectus, 2o non brevior. Antennæ graciles, breviusculæ. Abdomen alas posticas paullo superans. Pedes breviusculi, sat validi ; tibiæ posticæ fimbriatæ. Alæ anticæ latiusculæ, squamoso-asperæ, vix acutæ, costa dimidio interiore subconvexo, margine exteriori subconvexo subobliquo.

Allied to *Depressaria*. **Female.**—Body stout. Head pilose. Proboscis short. Palpi slender, compressed, curved, about thrice longer than the breadth of the head ; second joint porrect, densely fringed ; third setiform, ascending, with a very few short hairs, as long as the second, with which it forms a nearly right angle. Antennæ smooth, slender, little more than half the length of the fore wings. Abdomen extending a little beyond the hind wings. Legs smooth, rather short and stout ; hind tibiæ fringed ; spurs long. Wings rather broad, like those of *Tortrix*. Fore wings hardly acute, with a few elevated scales ; costa slightly convex along half the length ; exterior border slightly convex and oblique.

1. TONICA TERASELLA.

Fœm. *Testaceo-cinerea ; abdomen, alæ anticæ subtus alæque posticæ æneo-cinerea ; alæ anticæ fusco subconsersæ, strigæ duobus fuscis, 1a costali, 2a discali, fasciculis nonnullis squamæ mosis, fimbria æneo-cinerea.*

Female. Testaceous-cinereous. Abdomen, fore wings beneath and hind wings æneous-cinereous. Fore wings thinly and very minutely speckled with brown; two minute brown streaks near the base, one costal, the other discal; a few minute tufts of oblique scales; fringe æneous-cinereous. Length of the body 3 lines; of the wings 9 lines.

Lawak, Borneo. In Mr. Saunders' collection.

Genus 77. OPISINA.

Fœm. Corpus sat robustum. Proboscis nulla. Palpi recurvi, capituli latitudine fere duplo longiores; articulus 2us dense hirsutus; 3us gracillimus, 2o non brevior. Antennæ graciles. Abdomen alas posticas dimidio superans. Pedes robusti, breviusculi; tibiæ posticæ fimbriatæ. Alæ anticæ elongatæ, sat angustæ, apice rotundatæ, margine exteriori convexo perobliquo.

Female. Body rather stout. Proboscis obsolete. Palpi recurved over the vertex, nearly twice longer than the breadth of the head; second joint densely hirsute; third setiform, very slender, as long as the second. Antennæ smooth, slender, a little more than half the length of the fore wings. Abdomen extending for half its length beyond the hind wings. Legs stout, rather short; posterior tibiæ ringed. Wings elongate, rather narrow. Fore wings rounded at the tips; exterior border convex, extremely oblique.

1. OPISINA ARENOSELLA.

Fœm. Subæneo-cinerea; alæ anticæ nigro subconsersæ, apice rotundatæ.

Female. Sandy cinereous, with a slight æneous tinge. Fore wings with a few minute black speckles. Length of the body 3 lines; of the wings 14 lines.

———?

Genus 78. ZARATHA.

Mas. Corpus gracile. Proboscis nulla. Palpi glabri, gracillimi, recurvi, capituli latitudine plus duplo longiores; articulus 3us longior. Antennæ subsetulosæ, alis anticis valde longiores. Abdomen elongatum. Pedes longi, graciles. Alæ longæ, acutæ, perangustæ, fimbria longissima.

Allied to *Gelechia*. *Male*.—Body slender. Proboscis obsolete. Palpi smooth, very slender, recurved over the vertex, more than twice longer than the breadth of the head; third joint setiform, rather longer than the second. Antennæ very minutely setulose, very much longer than the fore wings. Abdomen long, extending for almost its whole length beyond the hind wings. Legs long, slender with long and slender spurs. Wings long, acute, very narrow, fringe very long; interior and exterior borders forming a continuous straight line.

1. ZARATHA PTERODACTYLELLA.

Mas. Cuprea; antennæ apices versus argenteæ; abdominis segmenta argenteo fasciata; pedes argenteo cincti; alæ posticæ nigricantes.

Male. Cupreous. Antennæ silvery white towards the tips. Abdomen, tibiæ and tarsi with silvery bands. Hind wings blackish. Length of the body 5 lines; of the wings 10 lines.

a, b. Ega. From Mr. Bates' collection.

Genus 79. TIRIZA.

Fem. Corpus sat robustum. Proboscis conspicua. Palpi ascendentes, læves, graciles, compressi, capitis latitudine plus duplo longiores; articulus 2us subarcuatus; 3us vix arcuatus, 2o valde longior. Antennæ robustæ, alis anticis non breviores. Abdomen alas posticas longe superans. Pedes longi, robusti; tibiæ posticæ subfimbriatæ. Alæ anticæ elongatæ, acutæ, sat angustæ.

Female. Body rather stout. Proboscis distinct. Palpi smooth, slender, compressed, ascending, more than twice longer than the breadth of the head; second joint slightly curved; third setiform, hardly curved, much longer than the second. Antennæ smooth, stout, as long as the fore wings. Abdomen extending much beyond the hind wings. Legs smooth, long, stout; hind tibiæ with a very short fringe; spurs very long. Wings elongate, rather narrow. Fore wings acute; costa and exterior border straight, the latter moderately oblique.

1. TIRIZA LEUCOTELLA.

Fœm. *Cuprea*; caput et thorax cyanea; palpi nigri; antennæ nigrae apice argenteae; pedes anteriores albi; pedes postici femoribus tibiisque apice argenteis, tarsis argenteis basi nigris; alæ anticæ fasciis tribus cyaneis, puncto costali subapicali fimbriaque albis; posticæ vitta alba semihyalina lata abbreviata informi.

Female. Dark cupreous. Head and thorax dark metallic-blue. Palpi and antennæ black, the latter silvery white towards the tips. Femora and tibiæ of the hind legs with silvery white tips; hind tarsi silvery white, black towards the base; anterior legs mostly white. Fore wings with three irregular dark metallic-blue bands; a silvery white point near the tip of the costa; fringe silvery white, except towards the interior border. Hind wings with a broad abbreviated irregular semihyaline white stripe. Length of the body $4\frac{1}{2}$ lines; of the wings 11 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 80. TOGIA.

Mas. Corpus gracile. Proboscis brevis. Palpi graciles, læves, ascendentes, subarcuati, capitis latitudine plus duplo longiores; articulus 3us setiformis, 2o paullo brevior. Palpi maxillares longi, late fimbriati. Antennæ validæ, squamosæ, alis anticis multo longiores. Pedes læves, tibiis intermediis fimbriatis, tibiis posticis subfimbriatis. Alæ anticæ sat angustæ, apice rotundatæ.

Male. Body slender. Proboscis short. Palpi slender, smooth, ascending, slightly curved, more than twice longer than the breadth of the head; third joint setiform, a little shorter than the second. Maxillary palpi long, broadly fringed. Antennæ stout, squamous, smooth, much longer than the fore wings. Legs smooth; middle tibiæ fringed; spurs long; hind tarsi with a short squamous fringe. Wings rather narrow. Fore wings rounded at the tips; costa straight; exterior border convex, slightly oblique.

1. *TOGIA NEMOPHORELLA*.

Mas. *Cuprea*; *antennæ fascia lata subapicali alba*; *tarsi postici apice tarsique antici argenteo-albi*; *alæ anticæ chalybeæ fascia interiore cuprea fasciaque exteriori lutea cupreo marginata*.

Male. Cupreous. *Antennæ* with a broad white band near the tips. Spurs of the tibiae and fore tarsi silvery white; hind tarsi with silvery white tips. Fore wings chalybeous, with a cupreous band before the middle, and with a luteous slightly oblique cupreous bordered band beyond the middle. Length of the body 3? lines; of the wings 8 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 81. *ONEBALA*.

Mas. *Corpus sat gracile. Caput subquadratum. Proboscis longiuscula. Palpi longissimi, reflexi, caput superantes; articulus 2us arcuatus; 3us setiformis, subarcuatus, 2o longior. Antennæ graciles. Abdomen alas posticas superans. Pedes graciles; tibiae posticæ longæ, robustæ, pubescentes, calcaribus longissimis. Alæ anticæ longæ, acutæ, sat angustæ, costæ dimidio antico subconvexo margine exteriori subexcavato; posticæ margine exteriori apice versus subexcavato.*

Allied to *Gelechia*. **Male.**—Body smooth, rather slender. Head subquadrate above. Proboscis rather long. Palpi smooth, very long, reflexed high above the head; second joint curved, much compressed; third setiform, slightly curved, longer than the second. *Antennæ* smooth, slender, as long as the fore wings. Abdomen extending rather beyond the hind wings; apical tuft small. Legs smooth, slender; hind tibiae long, stout, pubescent; spurs very long. Wings long, acute, rather narrow; costa very slightly convex for half the length from the base; exterior border slightly oblique, indistinctly excavated. Hind wings with the exterior border slightly excavated towards the tip; fringe very long towards the interior angle.

1. *ONEBALA BLANDIELLA*.

Mas. *Subcinereo-cervina; abdomen auratum; alæ linea marginis fusca, fimbria cinerea fuscescente interlineata; alæ anticæ viridi subnitentes, macula magna oblonga discali maculaque maxima exteriori trigona fuscis cinereo marginatis; posticæ subauratæ.*

Male. Fawn-colour, with a slight cinereous tinge. Abdomen gilded. Wings with a marginal brown line; fringe cinereous, interlined with brownish. Fore wings with slight metallic-green reflections; a large oblong dark brown cinereous-bordered spot in the disk before the middle; a very large exterior triangular dark brown cinereous-bordered spot, which has its base on the costa and extends to the interior border. Hind wings slightly gilded. Length of the body 3 lines; of the wings 8 lines.

a. Ceylon. Presented by Dr. Templeton.

Genus 82. TISIS.

Mas. Corpus gracile. Proboscis conspicua. Palpi læves, graciles, ascendentes, subarcuati, capitis latitudine plus duplo longiores; articulus 3us setiformis, 2o non brevior. Antennæ graciles, alis anticis paullo longiores; articulus 1us longus, clavatus; 2us subfusiformis, dilatatus, subtus excavatus. Pedes postici longi, graciles; calcaria longissima. Alæ anticæ longæ, angustæ, apice rotundatæ.

Allied to *Gelechia*. **Male.**—Body slender. Proboscis distinct. Palpi smooth, slender, ascending, slightly curved, more than twice longer than the breadth of the head; third joint setiform, as long as the second. Antennæ smooth, slender, a little longer than the fore wings; first joint long, clavate; second subfusiform, dilated, excavated beneath. Legs smooth, slender; hind legs long; spurs very long. Wings long, narrow; fringe long. Fore wings rounded at the tips; costa straight; exterior border convex, very oblique hindward.

1. TISIS BICOLORELLA.

Mas. *Fusco-cinerea; caput nigricans; antennæ articulo 2o nigricante; alæ anticæ cyaneo-virides, dimidio apicali aurato; posticæ æneo-cervinæ.*

Male. Brownish cinereous. Head blackish above. Palpi, antennæ and legs silvery cinereous. Second joint of the antennæ blackish above. Wings brownish cinereous beneath. Fore wings bluish green for more than half the length from the base, gilded from thence to the tips. Hind wings æneous fawn-colour. Length of the body 3½ lines; of the wings 9 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 83. GAPHARA.

Mas. Corpus sat validum. Frons lata. Proboscis nulla. Palpi robusti, erecti, verticem non superantes; articulus 2us subarcuatus; 3us lanceolatus, 2o paullo brevior. Antennæ robustæ, glabræ. Abdomen alas posticas longe superans; fasciculus apicalis parvus. Pedes postici longi, robusti, calcaribus longissimis. Alæ anticæ sat angustæ, apice rotundatæ, margine exteriori perobliquo vix convexo.

Allied to *Gelechia*. *Male*.—Body moderately stout. Front broad. Proboscis obsolete. Palpi stout, erect, not pilose, rising as high as the vertex; second joint slightly curved; third lanceolate, a little shorter and much more slender than the second. Antennæ robust, smooth. Abdomen extending much beyond the hind wings; apical tuft small. Legs smooth; hind legs long and stout; spurs very long. Wings stout, rather narrow. Fore wings rounded at the tips; costa and exterior border hardly convex, the latter very oblique; veins much like those of *Depressaria* in structure.

1. GAPHARA RECITATELLA.

Mas. *Cinereo-fusca; caput antice pallide cinereum; alæ linea marginali cinerea; anticæ fasciis tribus macularibus maculaque costali nigricantibus.*

Male. Cinereous-brown, hardly paler beneath. Head in front and palpi pale cinereous. Wings with a cinereous marginal line. Fore wings with three indistinct blackish bands, each composed of three spots; second band more distinct than the others towards the costa; a blackish costal spot between the first band and the base. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ceylon. From M. Nietner's collection.

Genus 84. FICULEA.

Mas. Corpus gracile. Proboscis brevissima. Palpi læves, ascendentes, subarcuati, capitis latitudine plus duplo longiores; articulus 2us valde compressus; 3us setiformis, 2o non brevior. Antennæ subserratæ, subpubescentes. Abdomen alas posticas longe superans. Pedes læves, graciles; tibiæ posticæ longæ, fimbriatæ, sat validæ. Alæ anticæ angustæ, apice rotundatæ, margine exteriori perobliquo.

Allied to *Gelechia*. *Male*.—Body slender. Proboscis very short. Palpi smooth, ascending, slightly curved, more than twice longer than the breadth of the head; second joint much compressed; third setiform, as long as the second. Antennæ very minutely serrated and pubescent. Abdomen extending much beyond the hind wings; apical tuft rather small. Legs smooth, slender; hind tibiæ long, fringed, rather stout; spurs long. Wings narrow; fringe long. Fore wings rounded at the tips; costa straight; exterior border slightly convex, extremely oblique; veins much like those of *Gelechia*.

1. FICULEA BLANDULELLA.

Mas. *Lutea, subtus cinerea, capite albido, abdomine, tibiis anterioribus tarsisque fuscis, tibiis tarsisque posticis fusco fasciatis; alæ anticæ fasciis duabus argenteo subfasciatis.*

Male. Luteous. Body cinereous beneath. Head and palpi whitish. Abdomen brown above and at the tip. Legs cinereous; anterior tibiæ and tarsi brown; hind tibiæ and tarsi with brown bands. Fore wings with two dark cupreous-brown slightly silvery bordered bands; first band very much dilated hindward; second marginal, dentate on its inner side, nearly connected with the second on the interior border. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ceylon. Presented by Dr. Templeton.

Genus 85. FRISILIA.

Mas. Corpus sat gracile. Caput fasciculis duobus porrectis. Proboscis mediocris. Palpi arcuati, ascendentes, longissimi; articulus 2us fimbriatus; 3us setiformis, 2o vix brevior. Antennæ validæ, squamoso serratæ, alis anticis paullo longiores. Abdomen alas posticas superans; fasciculus apicalis parvus. Pedes graciles. Alæ anticæ latiusculæ, acutæ, margine exteriori subobliquo vix excavato.

Male. Body rather slender. Head with two porrect tufts. Proboscis of moderate length. Palpi curved, ascending, about four times longer than the breadth of the head; second joint broadly fringed; third setiform, hardly shorter than the second. Antennæ stout, squamous-serrated, much longer than the fore wings. Abdomen extending beyond the hind wings. Legs slender. Fore wings acute, rather broad; exterior border slightly oblique, hardly concave.

1. FRISILIA NESCIATELLA.

Mas. *Testacea; abdomen cinereum; alæ linea tenui marginali fusca; anticæ fusco conspersæ, punctis duobus discalibus nigris.*

Male. Testaceous. Abdomen, legs and under side cinereous. Wings with a slight brown line along the exterior border. Fore wings minutely speckled with brown; two black discal points, one before the middle, the other beyond the middle. Length of the body 2 lines; of the wings 6 lines.

a. Ceylon. Presented by Dr. Templeton.

Genus 86. TONOSA.

Mas. Corpus gracile. Proboscis mediocris. Palpi læves, capitis latitudine fere duplo longiores; articulus 2us arcuatus, latiusculus; 3us setiformis, vix arcuatus, 2o multo brevior. Antennæ latæ, compressæ; articulus 1us longus, subclavatus; 2us subfusiformis, dilatatus, intus excavatus. Pedes breviusculi; tibiæ intermediæ subfimbriatæ. Alæ anticæ perangustæ, apice rotundatæ; margine exteriori perobliquæ.

Allied to *Gelechia*. **Male.**—Body slender. Proboscis moderately long. Palpi smooth, nearly twice longer than the breadth of the head; second joint curved, rather broad; third setiform, hardly curved, much shorter than the second. Antennæ compressed, broad, with minute spinose scales along each side; first joint long, subclavate; second dilated, subfusiform, excavated on the inner side. Legs smooth, rather short; middle tibiæ slightly fringed; spurs long. Wings very narrow; fringe very broad towards the interior angle of the hind wings. Fore wings rounded at the tips; costa straight; exterior border extremely oblique.

1. TONOSA SECLUSELLA.

Mas. *Ferrugineo-fusca; caput antice, pectus et pedes argenteo-cinerea; alæ posticæ striga costali lutea penicillata.*

Male. Ferruginous-brown, without markings. Head in front, pectus and legs silvery cinereous. Hind wings with a luteous penicillate streak along the costa. Length of the body 3? lines; of the wings 8 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 87. DECUARIA.

Mas. Corpus sat robustum. Proboscis mediocris. Palpi læves, graciles, longissimi, caput longe superantes; articulus 3us setiformis, 2o non brevior. Antennæ alis anticis non longiores; articuli longi, cyathiformes. Abdomen alas posticas longe superans. Pedes læves; postici longissimi, calcaribus tibiæ longissimis. Alæ anticæ longæ, angustæ, apice rotundatæ, margine exteriori subconvexo perobliquo.

Allied to *Gelechia*. *Male*.—Body rather stout. Proboscis moderately long. Palpi smooth, slender, very long, much compressed, rising high above the head; third joint setiform, as long as the second. Antennæ longer than the fore wings; joints elongate, cyathiform. Abdomen extending much beyond the hind wings. Legs smooth; hind legs especially long; spurs very long. Wings long. Fore wings narrow, rounded at the tips; costa straight; exterior border slightly convex, very oblique; veins with the usual structure.

1. DECUARIA MENDICELLA.

Mas. *Purpureo-fusca, subtus albida; abdominis segmenta albido marginata; pedes cinerei, femoribus anticis tibiisque purpureo-fusco marginatis; alæ anticæ strigis auratis; posticæ aurato-cinereæ.*

Male. Purplish brown. Palpi and pectus whitish. Abdomen whitish along the hind borders of the segments and beneath. Legs cinereous; tibiæ and fore femora with purplish brown bands. Fore wings with several gilded longitudinal streaks. Hind wings gilded cinereous. Length of the body 3½ lines; of the wings 9 lines.

♂. Ceylon. Presented by Dr. Templeton.

Genus 88. TINGENTERA.

Mas. Corpus gracile. Proboscis brevis. Palpi capitis latitudine duplo longiores. Antennæ submoniliformes, glabræ, alis anticis longiores; articuli cyathiformes. Pedes læves, sat validi; metatarsis posticis tibiisque subfimbriatis, calcaribus longissimis. Alæ anticæ elongatæ, sat angustæ, apice subrotundatæ, marginibus exteriore convexo perobliquo.

Male. Body slender. Proboscis short. Palpi smooth, slender, curved, ascending, more than twice longer than the breadth of the head; third joint setiform, less curved and a little shorter than the second. Antennæ stout, smooth, submoniliform, tapering from the base to the tips, longer than the fore wings; joints cyathiform. Legs smooth, rather stout; tibiæ and hind metatarsi slightly fringed; spurs very long. Wings elongate, rather narrow. Fore wings slightly rounded at the tips; costa straight; exterior border convex, very oblique.

1. TINGENTERA MELIORELLA.

Mas. *Chalybæa*; palpi pedesque aurato-flavi; antennæ fasciis subapicali alba; alæ anticæ vitta fasciisque duabus ochraceis.

Male. Chalybeous. Palpi and legs gilded yellow. Antennæ with a broad white band near the tips. Fore wings with an ochraceous costal stripe and with two ochraceous bands, the stripe decreasing in breadth from the base to the tip. Length of the body $3\frac{1}{2}$? lines; of the wings 9 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 89. TIPHA.

Mas. Corpus læve, squamosum, sat robustum. Proboscis mediocris. Palpi læves, graciles, ascendentes, capitis latitudinis duplo longiores; articulus 2us valde arcuatus; 3us lanceolatus, subarcuatus, 2i dimidio non longior. Antennæ glabræ, alis anticis paullo longiores, basin versus subincrassatæ. Pedes læves, sat robusti; tibiæ squamoso fimbriatæ; calcaria longissima; femora postica pilosa. Alæ anticæ elongatæ, apice rotundatæ, costæ dimidii basali subconvexo.

Male. Body smooth, squamous, rather robust. Proboscis moderately long. Palpi smooth, slender, ascending, about twice

onger than the breadth of the head; second joint much curved; hind lanceolate, slightly curved, half the length of the second. Antennæ smooth, a little longer than the fore wings, slightly and gradually incrassated at one-fourth of the length. Legs smooth, rather stout; tibiæ with a short squamous fringe; spurs very long; hind femora thinly clothed with long hairs. Wings elongate, moderately broad. Fore wings rounded at the tips; costa very slightly convex for half the length from the base; exterior border convex, moderately oblique.

1. TIPHA CHALYBÆELLA.

Mas. *Cuprea; palpi et pedes aurato-flavi; antennæ argenteo-cinereæ, basi nigræ; tibiæ chalybæo-fimbriatæ; alæ anticæ ochraceæ, margine exteriori vittisque tribus connexis chalybæis; posticæ cupreo-fuscæ.*

Male. Cupreous. Palpi and legs gilded yellow. Antennæ silvery cinereous, black towards the base. Hind tibiæ fringed with chalybeous hairs. Fore wings ochraceous, with three chalybeous stripes, which extend from the base to beyond the middle, and are connected at their tips; marginal band and fringe chalybeous. Hind wings cupreous-brown. Length of the body 5 lines; of the wings 12 lines.

♂ Sarawak, Borneo. From Mr. Wallace's collection.

Genus 90. TARUDA.

Fœm. Corpus sat robustum. Palpi valde arcuati, capitis latitudine triplo longiores; articulus 2us pubescens; 3us 2o non brevior. Antennæ graciles, alis anticis valde longiores. Abdomen alas posticas longe superans. Pedes robusti. Alæ anticæ sat angustæ, apice rotundatæ, costa interiori subconvexa, margine exteriori postico perobliquo.

Allied to the South-American *Gelechiæ*. **Female.**—Body moderately stout. Palpi much curved, rising high above the vertex, about thrice longer than the breadth of the head; second joint pubescent; third setiform, as long as the second. Antennæ slender, much longer than the fore wings. Abdomen extending much beyond the hind wings. Legs smooth, stout. Fore wings rather narrow, much rounded at the tips; costa very slightly convex along the interior half; exterior border very oblique hindward.

1. *TABUDA CUNEATELLA*.

Fœm. *Obscure fusca; palpi nigro fasciati, capitis latitudine triplo longiores, articulo 2o pubescente; alæ sat angustæ, apice rotundatæ, lineola marginali flavescente; anticæ cinereo cæspersæ, chalybæo sublinctæ, lineola subcostali flavescente, lineola submarginali angulosa.*

Female. Dark brown, cinereous beneath. Palpi with black bands, rising high above the vertex. Wings with a yellowish line and a ferruginous fringe along the fore part of the exterior border. Fore wings minutely speckled with cinereous, slightly tinged with chalybeous; a yellowish subcostal line, abbreviated towards the tip; a very zigzag transverse submarginal line. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a—d. Ega. From Mr. Bates' collection.

2. *TABUDA APICELLA*.

Fœm. *Fusco-cinerea; palpi capitis latitudine quadruplo longiores; antennæ alis anticis longiores; alæ anticæ angustæ, fusco strigatæ, striga transversa subapicali flavescente punctis tria nigra includente.*

Female. Brownish cinereous, moderately stout, more cinereous beneath. Palpi very long and slender, rising very high above the vertex, about four times longer than the breadth of the head; third joint as long as the second. Antennæ slender, rather longer than the fore wings. Abdomen extending much beyond the hind wings. Legs slender, smooth. Wings narrow. Fore wings streaked with brown; a yellowish transverse apical streak containing three black points; costa very slightly convex for two-thirds of the length from the base. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Ega. From Mr. Bates' collection.

Genus 91. *USSARA*.

Fœm. *Corpus sat robustum. Proboscis brevis. Palpi graciles, capitis latitudine multo longiores; articulus 3us lanceolatus 2o valde longior. Antennæ graciles, subcrenulatæ. Abdomen alarum posticas paullo superans. Pedes robusti, breviusculi; oalcarum crassa, longissima. Alæ anticæ elongatæ, acutæ.*

Allied to *Gelechia*. *Female*.—Body moderately stout. Processis short. Palpi slender, smooth, much longer than the breadth of the head; third joint lanceolate, much curved upward, much longer than the first and the second. Antennæ slender, very minutely crenulated. Abdomen extending a little beyond the hind wings. Legs stout, rather short; hind tibiæ with four very long stout spurs. Wings elongate, moderately broad. Fore wings elongate; costa and exterior border straight, the latter moderately sinuate.

1. USSARA DECORATELLA.

Fœm. *Nigro-fusca, subtus nigro-cuprea; caput pallide flavum, fusco uninotatum; palpi basi pallide flavi; thorax flavo bivittatus; alæ anticæ lineis transversis micantibus purpureis et viridibus, strigis duabus basalibus extus connexis liturisque duabus costalibus transversis flavis; posticæ nigro-cupreæ.*

Female. Blackish brown, blackish cupreous beneath. Head pale yellow, with a brownish vertical mark. Palpi pale yellow towards the base. Thorax with two pale yellow stripes. Legs with yellow bands; fore legs with luteous bands. Fore wings with two metallic glittering transverse purple and green lines; two low basal streaks, united and abruptly terminated exteriorly; two transverse costal yellow marks, one on the exterior border and one on the interior border. Hind wings blackish cupreous. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

Eggs. From Mr. Bates' collection.

Genus 92. THEMA.

Fœm. Corpus gracile. Caput subelongatum. Palpi corporis medio non breviores; articulus 2us porrectus, fimbriatus; 3us pendens, gracillimus, 2i dimidio vix brevior. Antennæ gracillimæ. Abdomen alas posticas longe superans. Pedes sat graciles; tibiæ anticæ subfimbriatæ. Alæ anticæ latiusculæ, subacutæ.

Allied to *Pleurota*. *Female*.—Body slender. Head smooth, slightly elongated. Palpi full half the length of the body; second joint correct, thickly fringed on both sides, the hairs longest above; third erect, setiform, very slender, nearly half the length of the second. Antennæ very slender, much shorter than the fore wings. Abdomen extending much beyond the hind wings. Legs rather

slender; hind tibiæ slightly fringed. Wings rather broad; fringes long. Fore wings slightly acute; exterior border straight, moderately oblique.

1. *THEMA BREVVITELLA*.

Fœm. *Nigro-purpurea; corpus subtus luteum; caput luteum; verticis discus nigro-purpureus; thoracis tegulæ luteæ; antice vittis duabus interruptis connexis luteis; postice cupreæ.*

Female. Blackish purple. Body luteous beneath. Head luteous; disk of the vertex blackish purple. Second joint of palpi with blackish hairs beneath. Tegulæ of the thorax luteous. Fore wings with two irregular interrupted luteous stripes, which are connected in the middle of the disk; fringe luteous. Hind wings cupreous. Length of the body 2 lines; of the wings 6 lines.

a. Australia. From Mr. Damel's collection.

Genus 93. *RHOBONDA*.

Fœm. Corpus sat gracile. Caput læve. Palpi deflexi, corporis latitudine vix breviores; articulus 2us rectus, late fimbriatus; 3us gracilis, 2i dimidio non longior. Antennæ gracillimæ, antice vix breviores. Abdomen alas posticas longissime superans. Pedes sat graciles; tibiæ posticæ subfimbriatæ. Alæ anticæ angustæ, apice rotundatæ, margine exteriori convexo perobliquo.

Allied to *Sophronia*. *Female*.—Body rather slender. Head smooth. Palpi diverging, nearly half the length of the body; second joint straight, deeply and thickly fringed on both sides; third slender, setiform, not more than half the length of the second. Antennæ very slender, nearly as long as the fore wings. Abdomen extending for three-fourths of the length beyond the hind wings. Legs rather slender; hind tibiæ with a very short fringe; spurs very long. Wings narrow. Fore wings rounded at the tips; exterior border convex, very oblique. Hind wings with a long fringe.

1. *RHOBONDA PUNCTATELLA*.

Fœm. *Ferruginea; caput antice argenteo-cinereum; abdomen cinereum; alæ anticæ lituris plurimis transversis obscure fuscis; gutta discali punctisque marginalibus nigris.*

Female. Ferruginous. Head in front and under side silvery cinereous. Abdomen and hind wings æneous. Legs silvery cinereous; joints of the tarsi blackish, with silvery tips. Fore wings with numerous minute transverse dark brown marks; a black dot in the disk before the middle; marginal points black. Length of the body 4 lines; of the wings 9 lines.

Eggs. From Mr. Bates' collection.

Genus 94. VAZUGADA.

Fœm. Corpus gracile. Caput læve, subelongatum. Proboscis valida. Palpi deflexi, longi; articulus 2us fimbria securiformi; 3us acilis, subarcuatus, 2o non brevior. Antennæ graciles. Abdomen lineare, longissimum. Pedes sat robusti. Alæ anticæ angustæ, acutæ, margine exterioro convexo perobliquo.

Allied to *Sophronia*. **Female.**—Body slender. Head smooth, slightly elongate. Proboscis stout. Palpi diverging, as long as the head and thorax; second joint with a thick securiform fringe; third slender, setiform, slightly curved, as long as the second. Antennæ slender. Abdomen linear, full thrice longer than the thorax, extending for three-fourths of its length beyond the hind wings. Legs rather stout. Wings narrow; fringe short. Fore wings slightly acute; exterior border convex, very oblique.

1. VAZUGADA STRIGIPILENELLA.

Fœm. *Cervina*; caput argenteo-cinereum; abdomen æneum; alæ anticæ lineolis plurimis nigris fusco marginatis, punctis marginalibus nigris elongatis; posticæ æneæ.

Female. Fawn-colour. Head and under side silvery cinereous. Abdomen, legs and hind wings æneous. Joints of the tarsi with silvery tips. Fore wings with several longitudinal black brown-bordered lines of various length; marginal points black, transversely elongated. Length of the body 4 lines; of the wings 9 lines.

Eggs. From Mr. Bates' collection.

Genus 95. GÆSA.

Mas. Corpus robustum. Proboscis conspicua. Palpi angustissimi, verticem longe superantes; articulus 2us robustus, fimbriatus, erectus, fasciculo apicali lanceolato; 3us setaceus, arcuatus, 2o

paullo longior. Antennæ glabræ, gracillimæ, vix nodosæ, alar-
anticis breviores. Abdomen alas posticas plus dimidio superans;
fasciculus apicalis longus, subcompressus. Pedes læves; cal-
caria longissima. Alæ anticæ vix acutæ, margine exteriori
convexo.

Allied to *Sophronia*. *Male*.—Body stout. Proboscis distinct.
Palpi very long; second joint stout, fringed, porrect, longer than
the breadth of the head, with a lanceolate apical tuft, which projects
much beyond the insertion of the third joint; third joint setaceous,
curved, a little longer than the second, ascending high above the
vertex. Antennæ smooth, very slender, very minutely nodose, shorter
than the fore wings. Abdomen extending for more than half its
length beyond the hind wings; apical tuft elongate, slightly com-
pressed. Legs smooth, moderately long and stout; spurs very long.
Wings stout, moderately broad. Fore wings hardly acute; costæ
straight; exterior border hardly convex, moderately oblique; veins
much like those of *Depressaria* in structure.

1. GÆSA DEOUSILLA.

Mas. Cinereo-fusca; alæ fimbria cinerea; anticæ purpurascens,
subtinctæ, fusco conspersæ; posticæ subaneæ.

Male. Cinereous-brown. Fringe of the wings cinereous
except at the base. Fore wings with a very slight purplish tinge,
speckled with dark brown. Hind wings with a slight æneous tinge.
Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a. Ceylon. From M. Nietner's collection.

Genus 96. TIPASA.

Mas. Corpus vix robustum. Proboscis mediocris. Palpi
longi; articulus 2us porrectus, dense fimbriatus; 3us erectus,
glaber, 2o vix brevior. Antennæ robustæ, glabræ, alar-anticis
breviores; articuli subcyathiformes. Abdomen alas posticas longius
superans; fasciculus apicalis minimus. Pedes validi, læves; tibiae
posticæ subfimbriatæ, calcaribus longissimis. Alæ anticæ acutæ,
sat angustæ, costa margineque exteriori subrectis.

Allied to *Harpella*. *Male*.—Body hardly stout. Proboscis
moderately long. Palpi long; second joint porrect, densely fringed,
much longer than the breadth of the head; third vertical, smooth,
setiform, slightly curved, nearly as long as the second. Antennæ

stout, as long as the fore wings; joints subcylindrical, with acute fore angles. Abdomen extending much beyond the hind wings; apical tuft very small. Legs stout, smooth; hind tibiae slightly fringed; spurs very long. Wings rather narrow; fringe long. Fore wings acute; costa and exterior border nearly straight, the latter moderately oblique.

1. TIPASA BASALIELLA.

Mas. Cervina; caput et thorax nigro-chalybæa; abdomen cinereum; alæ anticæ nigro conspersæ, basi nigro-chalybæa; posticæ cinereæ.

Male. Fawn-colour. Head, thorax and base of the fore wings blackish chalybeous. Abdomen, hind wings and under side cinereous. Fore wings minutely speckled with black. Length of the body 4 lines; of the wings 10 lines.

a. Ceylon. Presented by Dr. Templeton.

Genus 97. TOCMIA.

Mas. Corpus gracile. Proboscis mediocris. Palpi capitis latitudine triplo longiores; articulus 2us porrectus, compressus, dense fimbriatus; 3us setiformis, erectus. Antennæ glabræ, graciles, alis anticis perpaullo breviores. Abdomen alas posticas dimidio superans; fasciculus apicalis minimus. Pedes læves, graciles, longiusculi, calcaribus longissimis. Alæ anticæ longæ, angustæ, acutæ, margine exteriori recto perobliquo.

Allied to *Ypsolophus*. *Male.*—Body slender. Proboscis moderately long. Palpi about thrice longer than the breadth of the head; second joint porrect, compressed, densely fringed above and beneath; third setiform, erect, less than half the length of the second. Antennæ smooth, slender, very little shorter than the fore wings. Abdomen extending for full half its length beyond the hind wings; apical tuft very small. Legs smooth, slender, rather long; spurs very long. Wings long, narrow. Fore wings acute; costa and exterior border straight, the latter very oblique.

1. TOCMIA VERSICOLORELLA.

Mas. *Nigro-cuprea; corpus subtus albidum; tarsi albo annulati; alæ anticæ purpurascens-cupreæ, vitta nigricante aut cupreo-viridi, fimbria cinerea.*

Male. Blackish cupreous. Body whitish and shining beneath. Tarsi with white bands. Fore wings purplish cupreous, with a blackish stripe, appearing in some aspects vivid green with a cupreous stripe. Hind wings cupreous; fringe and most of the under side cinereous. Length of the body 5 lines; of the wings 11 lines.

a. Ega. From Mr. Bates' collection.

Genus 98. TIRALLIS.

Fam. Corpus læve, squamosum. Proboscis conspicua. Palpi læves, graciles, ascendentes, valde arcuati, capitis latitudine duplo longiores; articulus 3us setiformis, 2o non brevior. Antennæ alio antici paullo longiores. Pedes læves, femoribus anticis tibiisque subfimbriatis. Alæ anticæ apice rotundatæ, costa subrecta, marginis exterioris convexo sat obliquo.

Allied to *Æcophora*. **Female.**—Body smooth, squamous, moderately stout. Proboscis distinct. Palpi smooth, slender, ascending, much curved, full twice longer than the breadth of the head; third joint setiform, almost as long as the second. Antennæ smooth, slender, a little longer than the fore wings. Legs smooth; tibiae and fore femora slightly fringed; spurs long. Wings moderately broad. Fore wings rounded at the tips; costa almost straight; anterior border convex, rather oblique.

Type, *T. latifasciella*.

1. TIRALLIS LATIFASCIELLA.

Fœm. *Cuprea; antennæ et pedes argenteo-cinerea; alæ anticæ fascia lata subapicali aurato-flava costam versus dilatata.*

Female. Cupreous. Body beneath, antennæ and legs silvery cinereous. Fore wings with a broad gilded yellow subapical band, which is much widened towards the costa, where it occupies nearly half the length of the wing. Hind wings cupreous. Length of the body 3 lines; of the wings 9 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

2. TIRALLIS? INNOTATELLA.

Fœm. *Aurato-cinerea, cervino sublinctâ; antennæ alis anticis paullo breviores; tibiæ posticæ fimbriatæ; alæ anticæ apice vix rotundatæ; posticæ obscuriores, vix hyalinæ.*

Female. Gilded cinereous, slightly tinged with fawn-colour. Antennæ a little shorter than the fore wings. Fore femora and anterior tibiæ smooth; hind tibiæ fringed. Fore wings hardly rounded at the tips; exterior border almost straight, slightly oblique. Hind wings rather darker than the fore wings, very slightly hyaline. Length of the body 4? lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 99. TIGAVA.

Mas. Corpus robustum. Oculi extantes. Palpi læves, arcuati, verticem longe superantes; articulus 3us setiformis, 2o vix brevior. Antennæ glabræ, graciles, alis anticis valde breviores. Abdomen alas anticas longe superans, fasciculo apicali parvo, valvulis duabus lateralibus elongatis. Pedes longiusculi, sat validi; tibiæ posticæ late fimbriatæ. Alæ anticæ longæ, lanceolatæ, apice subrotundatæ, costa vix convexa.

Male. Body stout. Eyes prominent. Proboscis moderately long. Palpi smooth, ascending high above the vertex, twice as long as the breadth of the head; third joint setiform, almost as long as the second. Antennæ smooth, slender, much shorter than the fore wings. Abdomen slightly tufted along each side, extending far beyond the hind wings, with two lateral valves which extend beyond the small superior apical tuft. Legs smooth, rather long and stout; hind tibiæ broadly fringed; spurs long. Wings long. Fore wings lanceolate, slightly rounded at the tips; costa hardly convex; exterior border very oblique.

1. TIGAVA SCITISSIMELLA.

Mas. *Cana, fusco conspersa; palporum articulus 2us fusco vittatus; abdomen lutescens, basi canum; tibiæ anteriores fuscae; alæ anticæ strigis atris fusco marginatis; posticæ pallide æneo-fuscae, fimbria albida fuscescente interlineata.*

Male. Hoary, brown-speckled, whitish cinereous beneath. Palpi stout; second joint striped with brown on the outer side. Abdomen pale luteous, except the first and second segments. Anterior tibiæ brown. Fore wings with several longitudinal deep black brown-bordered streaks. Hind wings pale æneous-brown, paler at the base and along the interior border; fringe whitish, interlined with pale brown near the base. Length of the body 7 lines; of the wings 18 lines.

a, b. Moreton Bay. From Mr. Diggles' collection.

Genus 100. TOPAZA.

Mas. Corpus læve, sat gracile. Proboscis nulla. Palpi læves, subarcuati, oblique ascendentes. Antennæ pubescentes, subcrenulatæ, alis anticis plus dimidio breviores. Abdomen alas posticas paullo superans; fasciculus apicalis minimus. Pedes læves, graciles; calcaria longa. Alæ anticæ breves, latæ, apice rectangulatæ, costa subrecta, margine exteriori subconvexo subobliquo.

Allied to *Æcophora*. *Male.*—Body smooth, rather slender. Proboscis obsolete. Palpi smooth, slightly curved, obliquely ascending. Antennæ pubescent, minutely crenulated, less than half the length of the fore wings. Abdomen extending a little beyond the hind wings; apical tuft very small. Legs smooth, slender; spurs long. Wings short, broad. Fore wings rectangular at the tips; costa almost straight; exterior border slightly convex and oblique; discal fold very distinct; fourth inferior vein near the third.

1. TOPAZA ALIENELLA.

Mas. *Cupreo-fusca; alæ anticæ striga obliqua basali, fasciæ media maculari, macula apicali punctisque connexis marginalibus luteis; posticæ apud costam pallide cinereæ.*

Male. Dark cupreous-brown. Body cinereous beneath. Fore wings with luteous marks; a short oblique basal streak; a middle band, which is composed of three irregularly triangular spots; an apical triangular spot and some connected marginal points; under side with a pale yellowish apical spot. Hind wings pale cinereous along the costa. Length of the body 3 lines; of the wings 7 lines. Sarawak, Borneo. In Mr. Saunders' collection.

Genus 101. TOMARA.

Mas. Corpus robustum. Frons subporrecta. Proboscis nulla. Palpi graciles, subarcuati, subascendentes, capitis latitudine longiores; articulus 2us subtus late fimbriatus; 3us setiformis, 2o valde brevior. Antennæ breviusculæ; articuli cyathiformes. Pedes læves; tibiæ posticæ robustæ, pilosæ, femoribus posticis duplo longiores. Alæ anticæ longæ, latiusculæ, apice rotundatæ, margine anteriore convexo postice perobliquo.

Allied to *Æcophora*. **Male.**—Body robust. Front prominent. Proboscis obsolete. Palpi slender, slightly curved and ascending, longer than the breadth of the head; second joint broadly fringed beneath; third smooth, setiform, much shorter than the second. Antennæ hardly more than half the length of the fore wings; joints cyathiform. Legs smooth; hind tibiæ stout, pilose, about twice longer than the hind femora. Wings long, rather broad. Fore wings rounded at the tips; costa straight; exterior border convex, very oblique hindward.

1. TOMARA TIGRINELLA.

Mas. *Lutea; tarsi nigri; alæ nigro venosæ; anticæ strigis quatuor transversis nigris; posticæ litura discali nigra.*

Male. Luteous, shining. Tarsi mostly black. Wings with black lines along the veins. Fore wings with four black streaks formed by the connection of the lines. Hind wings with a black discal mark before the middle. Length of the body 6? lines; of the wings 18 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 102. TINGENA.

Fem. Corpus læve, sat robustum. Proboscis brevis. Palpi graciles, oblique ascendentes, capitis latitudine duplo longiores. Antennæ graciles, breves. Pedes læves; tibiæ posticæ fimbriatæ. Alæ anticæ latiusculæ, apice rotundatæ, margine anteriore recto, margine interiore basi subconvexo extus subconcavo.

Allied to *Æcophora*. *Female*.—Body smooth, rather stout. Proboscis short. Palpi smooth, slender, obliquely ascending, twice longer than the breadth of the head; second joint slightly curved; third straight, setiform, a little shorter than the second. Antennæ slender, hardly more than half the length of the fore wings. Abdomen extending a little beyond the hind wings. Legs smooth, not long; hind tibiæ fringed; spurs long. Wings long, rather broad. Fore wings rounded at the tips; costa and exterior border straight, the latter moderately oblique; interior border slightly convex toward the base, slightly concave exteriorly.

1. *TINGENA BIFACIELLA*.

Fœm. *Aurato-flava*; *abdomen fuscum*; *alæ anticæ subtus cinereæ fuscæ*; *posticæ cinereæ*.

Female. Gilded yellow. Abdomen brown above. Fore wings cinereous-brown beneath, excepting the fringe. Hind wings cinereous, shining. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. New Zealand. Presented by Col. Bolton.

Genus 103. *TITULCIA*.

Fœm. *Corpus robustum, læve, squamosum. Oculi extantes. Proboscis brevis. Palpi lati, pubescentes, ascendentes, subarcuati, capitis latitudine multo longiores; articulus 3us 2o brevior. Antennæ gracillimæ, non longæ. Abdomen alas posticas perpaulo superans. Pedes læves, breviusculi, sat validi. Alæ anticæ late acutæ, costa margineque exteriori subconvexis.*

Allied to *Æcophora*. *Female*.—Body stout, smooth, squamous. Eyes prominent. Proboscis short. Palpi broad, pubescent, ascending, very slightly curved, much longer than the breadth of the head; third joint shorter and narrower than the second, acutely conical at the tip. Antennæ smooth, very slender, little more than half the length of the fore wings. Abdomen extending very little beyond the hind wings. Legs smooth, rather short and stout; spurs long. Wings broad, not long. Fore wings acute; costa and exterior border slightly convex, the latter rather oblique; third inferior vein as far from the second as from the fourth.

1. *TITULCIA EXIMIA*.

Mas. *Argentea, micans; caput ochraceum; palpi nigricante bifasciati; alæ anticæ fasciis tribus connexis rufescente-ochraceis nigricante marginatis, punctis tribus posticis nigris.*

Male. Brilliant silvery white. Head and palpi mostly ochraceous. Palpi with two blackish bands. Fore wings with three bright ochraceous partly reddish-tinged and blackish-bordered bands; first band much widened towards the costa, where it extends to the base and is connected with the second band; second band much dilated towards the costa and also hindward, joining the third band on the costa and united to it in the disk hindward, where there are three black points. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

2. *TITULCIA CONFICTELLA*.

Fœm. *Argentea, micans; caput ochraceum; thorax antice ochraceo bivittatus; alæ anticæ vitta costali fasciæque ochraceis dentatis nigro submarginatis, striga obliqua subapicali ochracea.*

Female. Brilliant silvery. Head and palpi ochraceous. Palpi pubescent; third joint linear, acute, shorter than the second. Thorax with an ochraceous stripe on each side in front. Fore wings with an irregular costal ochraceous stripe, which is dentate and slightly black-bordered along the hind side; an ochraceous band at one-third of the length, slightly dentate and black-bordered on the outer side; an oblique ochraceous streak extending from near the tip of the costa to the ochraceous marginal band and enclosing a transversely oblong silvery spot; these ochraceous marks are bordered with raised silvery scales. Length of the body 3 lines; of the wings 10 lines.

This species may be distinguished from *T. eximiella* by the streak of the fore wings.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 104. TITUACIA.

Mas. Corpus crassum. Proboscis nulla. Palpi ascendentes arcuati, squamosi, capitis latitudine fere duplo longiores; articulus 2us apice subfasciculatus; 3us setiformis, 2o longior. Antennæ breviusculæ, sat graciles. Abdomen alas posticas dimidio superans; fasciculus apicalis subquadratus. Pedes robusti, pubescentes; calcaria longissima. Alæ anticæ sat angustæ, apice rotundatæ, costa media excavata, margine exteriori convexo.

Allied to *Æcophora*. *Male.* Body very stout. Proboscis obsolete. Palpi curved, ascending, squamous, nearly twice longer than the breadth of the head; second joint slightly tufted at the tip, third setiform, much longer than the second. Antennæ rather slender, much shorter than the fore wings. Abdomen extending for half its length beyond the hind wings; apical tuft subquadrate. Legs stout; femora and tibiæ pubescent; hind tibiæ with very long spurs. Wings rather narrow. Fore wings rounded at the tip, costa excavated or contracted in the middle; exterior border convex, moderately oblique.

1. TITUACIA DEVIELLA.

Mas. Cinereo-albida; tarsi nigricantes, albo annulati; alæ anticæ nigro tridecem punctatæ, striga costali cervina, strigis subcostali duabus cervinis una costali altera postica.

Male. Cinereous-whitish, darker beneath. Tarsi blackish, tips of the joints white. Fore wings with thirteen black points, three near the base; four placed quadrately in the interior disk, three forming a more distinct cluster in the exterior disk; three on the exterior border; of these last the middle one is much larger than the others; a fawn-coloured streak along the middle part of the costa; under side cinereous, with two fawn-coloured stripes, one costal, the other along the interior border. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 105. TISOBARICA.

Mas. Corpus sat robustum. Palpi glabri, arcuati, capitis latitudine duplo longiores; articulus 3us lanceolatus, 2o brevior.

Abdomen alas posticas paullo superans. Alæ anticæ sat angustæ, apice rotundatæ, margine exteriori perobliquo; posticæ fimbria longissima.

Male. Body rather stout. Palpi smooth, curved, twice longer than the breadth of the head; third joint lanceolate, shorter than the second. Abdomen extending a little beyond the hind wings. Fore wings rather narrow, rounded at the tips; exterior border extremely oblique. Hind wings with a very long fringe.

1. TISOBARICA JUCUNDELLA.

Mas. *Aurato-flava; palpi nigro fasciati; alæ anticæ pallide purpureæ, fasciis quatuor indeterminatis fimbriaque aurato-flavis.*

Male. Gilded yellow, paler beneath; third joint white, with a broad black band. Fore wings pale purple, with four irregular gilded yellow bands; third band interrupted, more irregular than the others; fringe gilded yellow. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

Sydney. From Mr. Lambert's collection.

Genus 106. TITANA.

Corpus pilosum, sat robustum. Proboscis conspicua. Palpi læves, graciles, arcuati, ascendeutes, capitis latitudine triplo longiores; articulus 3us setiformis, 2o non brevior. Antennæ glabræ, graciles, alis anticis non breviores. Pedes anteriores læves, graciles, breviusculi; postici longi, tibiis dense pilosis, calcaribus longis. Alæ anticæ acutæ, margine exteriori recto; posticæ late fimbriatæ.

Allied to *Æcophora*. Body pilose, rather stout. Proboscis distinct. Palpi smooth, slender, curved, compressed, ascending, about twice longer than the breadth of the head; third joint setiform, as long as the second. Antennæ smooth, slender, as long as the fore wings. Anterior legs smooth, slender, rather short. Hind legs long; tibiæ densely pilose; spurs long. Wings long, moderately broad. Fore wings acute; costa and exterior border straight, the latter moderately oblique. Hind wings broadly fringed.

1. TITANA ADELELLA.

Obscure purpurascens; palpi argentei; antennæ argenteo-albæ nigro annulatæ; pedes argentei, tibiis posticis nigris; alæ anticæ fimbria argentea; posticæ purpureo-cupreæ.

Dark purplish. Palpi mostly silvery. Antennæ silvery white with very numerous black rings. Legs mostly silvery; hind tibiae black, clothed with black hairs. Fore wings with a silvery white fringe. Hind wings purplish cupreous. Length of the body $4\frac{1}{2}$ lines; of the wings 11 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 107. THUBANA.

Fœm. Corpus sat robustum. Caput læve. Proboscis conspicua. Palpi glabri, arcuati, graciles, capitis latitudine quadruplo longiores; articulus 3us gracillimus, 2o non brevior. Antennæ graciles, alis anticis multo longiores. Abdomen alas posticas dimidio superans. Pedes longiusculi, sat validi; tibiæ posticæ pilosæ. Alæ anticæ latiusculæ, apice rectangulatæ, margine exteriori recto postice flexo perobliquo.

Allied to *Æcophora*. *Female*.—Body rather stout. Head smooth. Proboscis distinct. Palpi curved, smooth, slender, four times longer than the breadth of the head; third joint setiform, very slender, as long as the second. Antennæ slender, much longer than the fore wings. Abdomen extending for half its length beyond the hind wings. Legs rather long and stout; hind tibiæ pilose; spatula very long. Wings rather broad. Fore wings rectangular at the tips; exterior border straight, bent near the interior angle, where it is very oblique.

1. THUBANA BISIGNATELLA.

Fœm. Cuprea; caput argenteo-cinereum; antennæ argenteo-albæ, basi cupreæ; alæ anticæ macula costali magna alba subtriangula.

Female. Cupreous. Head, under side and legs silvery cinereous. Antennæ silvery white; first joint cupreous. Fore wing with a large irregularly triangular white spot on the middle of the costa. Length of the body 4 lines; of the wings 10 lines.

a. Sarawak, Borneo. From Mr. Wallace's collection.

Genus 108. GARGELA.

Mas. Corpus sat gracile. Proboscis mediocris. Palpi graciles, oblique ascendentes, capitis latitudine non longiores; articulus 3us lanceolatus, 2o valde brevior. Antennæ vix pubescentes. Pedes breves, graciles. Alæ anticæ subrectangulatæ, margine exteriore recto vix obliquo.

Allied to *Æcophora*. *Male*.—Body smooth, rather slender. Proboscis distinct. Palpi smooth, slender, obliquely ascending, not longer than the breadth of the head; third joint lanceolate, much longer than the second. Antennæ hardly pubescent. Legs smooth, short, slender; spurs long. Wings moderately broad. Fore wings nearly rectangular at the tips; exterior border nearly straight, hardly oblique.

1. GARGELA SUBPURELLA.

Mas. Nivea; alæ anticæ lineis duabus transversis arcuatis pallide fuscescentibus, strigis exterioribus auratis, puncto apud angulum interiorem nigro; linea marginali brevi nigra.

Male. Pure white, shining. Fore wings with two outward-curved pale brownish transverse lines; first line beyond the middle, more curved than the second; a row of gilded streaks between the second line and the exterior border; a black point near the interior angle; a dark brown line on the fore part of the exterior border. Length of the body 2 lines; of the wings 6 lines.

Ceylon. Presented by Dr. Templeton.

Genus 109. BARANTOLA.

Mas. Corpus gracile. Caput breve. Proboscis mediocris. Palpi glabri, gracillimi, thorace non breviores; articulus 3us 2o non brevior. Antennæ glabræ, gracillimæ, alis anticis multo longiores. Pedes longi, graciles; tibiæ posticæ subpilosæ. Alæ anticæ elongatæ, latiusculæ, acutæ, falcatæ, margine exteriori subobliquo vix convexo.

Allied to *Æcophora*. *Male*.—Body slender. Head short. Proboscis moderately long. Palpi smooth, very slender, as long as the thorax; third joint setiform, full as long as the second. Antennæ smooth, very slender, much longer than the fore wings.

Abdomen extending for half its length beyond the hind wings. Legs long, slender; hind tibiæ clothed with short hairs. Wings elongate, rather broad. Fore wings acute, falcate; exterior border hardly convex, slightly oblique.

The very slender second joint of the palpi and the length and slenderness of the legs are the chief distinctive characters of this genus.

1. BARANTOLA PULCHERRIMA.

Mas. *Læte ochraceo-rufa; caput antice, pectus et abdomen alba; thorax argenteo fasciatus; alæ anticæ striga costali flava, strigis quatuor subcostalibus argenteis; posticæ albæ.*

Male. Bright ochraceous-red. Head in front, palpi, antennæ, pectus, abdomen, legs and hind wings white. Thorax with a silvery band. Fore wings with a yellow streak along the middle part of the costa; three silvery subcostal streaks; first joining the band of the thorax; second much shorter than the first, extending nearly to the yellow streak; third beyond the streak, longer than the second; a slightly oblique transverse silvery streak proceeding from a notch of the costal streak nearly to the interior border. Length of the body $4\frac{1}{2}$ lines; of the wings 11 lines.

a. Moreton Bay. From Mr. Diggles' collection.

Genus 110. TAMARRHA.

Mas et fœm. Corpus vix robustum. Proboscis conspicua. Palpi glabri, capitis latitudine longiores; articulus 3us 2o brevior. Antennæ maris robustæ, setulosæ. Abdomen alas posticas sat superans. Pedes sat graciles. Alæ anticæ elongatæ, apice rotundatæ, margine exteriori subconvexo subobliquo.

Allied to *Æcophora*. *Male and female*.—Body hardly stout. Proboscis distinct. Palpi smooth, longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ of the male stout, setulose. Abdomen extending rather beyond the hind wings. Legs rather slender. Wings elongate, moderately broad. Fore wings rounded at the tips; exterior border slightly convex and oblique.

1. TAMARRHA GELIDELLA.

Fœm. *Nigro-purpurea; caput subtus albidum; oculi albo cincti; thoracæ albo quadrinotatus; abdomen æneum; alæ anticæ plagis tribus albis, plaga marginali ochracea; posticæ æneæ, fimbria albida.*

Female. Blackish purple. Body whitish beneath. Head white about the eyes. Thorax with white tegulæ and with a white mark on each side hindward. Abdomen and hind wings æneous. Fore wings with a dull ochraceous patch on the exterior border; three white patches; first extending along the middle of the costa; second along the base of the interior border; third along the apical part of the interior border, joining the ochraceous patch. Hind wings with a whitish fringe. Length of the body 4 lines; of the wings 12 lines.

a. Jamaica. From Mr. Gosse's collection.

2. TAMARRHA NIVOSELLA.

Mas et fœm. *Nigro-æneæ; caput antice album; abdomen æneum; alæ anticæ albidæ, basi fasciæque latissima æneis; posticæ æneo-cinereæ.*

Male and female. Blackish æneous. Head white above in front. Abdomen æneous. Fore wings whitish, æneous at the base, and with a very broad æneous band, which is beyond the middle. Hind wings æneous-cinereous. Length of the body $3\frac{1}{2}$ —4 lines; of the wings 11—12 lines.

a, b. Jamaica. From Mr. Gosse's collection.

c. Domingo. From Mr. Tweedie's collection.

Genus 111. TIRASIA.

Mas. Corpus robustum. . Caput subelongatum. Proboscis brevis. Palpi longissimi, subarcuati; articulus 2us robustus, pilosus; 3us gracillimus, 2o non brevior. Antennæ glabræ, articulus 1us longus, robustus. Abdomen alas posticas paullo superans. Pedes validi; tibiæ posticæ fimbriatæ. Alæ anticæ apice rectangulatæ, costa vix convexa.

Allied to *Æcophora*. *Male*.—Body stout, smooth. Vertex elongate. Proboscis short. Palpi slightly curved, very long, ascending high above the head; second joint stout, pilose; third setiform, very slender, full as long as the second. Antennæ smooth; first joint long, stout. Abdomen extending a little beyond the hind wings. Legs smooth, stout; hind tibiæ fringed, with four very long spurs. Wings moderately long and broad; fringe very long. Fore wings rectangular at the tips; costa hardly convex.

1. *TIRASIA PUNCTIGENERALIS*.

Mas. *Chalybæo-fusca*; abdomen *cervinum*; *alæ anticæ fasciæ duabus obscure cupreo-fuscis testaceo marginatis, 1a antice abbreviata postice dilatata, 2a marginali, punctis duobus fuscis intermediis testaceo marginatis, costa testacea fusco unnotata.*

Male. Chalybeous-brown. Abdomen fawn-colour. Legs smooth; hind tibiæ fringed, with four long spurs. Wings with a fawn-coloured band; fringe fawn-colour. Fore wings with two dark cupreous-brown testaceous-bordered bands; first band abbreviated in front, dilated hindward, broader than the second, which is marginal; two dark brown testaceous-bordered points on the outer side of the first band; costa mostly testaceous, with a dark brown mark in front of the first band. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 112. *RHITIA*.

Corpus sat gracile. Palpi glabri, subrecti, oblique ascendentes, capitis latitudine non longiores; articulus 2us fasciculo tenui apicali; 3us lanceolatus, 2o brevior. Antennæ graciles, alis anticis breviores. Abdomen attenuatum, alas posticas longe superans; fasciculus apicalis minimus. Tibiæ posticæ late fimbriatæ. Alæ anticæ apice rotundatæ, margine exteriori perobliquo.

Allied to *Æcophora*. *Male*.—Body rather slender. Palpi smooth, nearly straight, obliquely ascending, not longer than the breadth of the head; second joint with a slight apical tuft; third lanceolate, shorter than the second. Antennæ slender, shorter than the fore wings. Abdomen tapering, extending much beyond the hind wings; apical tuft very small. Hind tibiæ broadly fringed. Fore wings rounded at the tips; exterior border very oblique.

1. RHITIA CONGESTELLA.

Mas. *Subæneo-cinerea; alæ anticæ purpurascentes, fascia basali lata strigaque exteriori costali aurato-flavis; posticæ cupreæ.*

Male. Cinereous, with an æneous tinge. Fore wings purplish; a broad gilded yellow band near the base, not extending to the costa, and a broad longitudinal gilded yellow costal streak at a little beyond the middle; this streak is connected with a bare semihyaline discal spot; under side and hind wings cupreous. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 113. BAREA.

Mas. Corpus robustum. Palpi validi, valde arcuati, caput superantes; articulus 2us antice squamoso fimbriatus; 3us setiformis, 2o brevior. Antennæ pubescentes, alis anticis multo breviores. Pedes validi. Alæ anticæ elongatæ, latiusculæ, apice subrotundatæ, margine exteriori subconvexo subobliquo.

Allied to *Ecophora*. *Male*.—Body stout. Palpi stout, much curved, ascending above the vertex; second joint thickly fringed in front, with very short squamous hairs; third setiform, shorter than the second. Antennæ minutely pubescent, much shorter than the fore wings. Legs stout. Wings elongate, rather broad. Fore wings slightly rounded at the tips; exterior border slightly convex and oblique.

1. BAREA CONSIGNATELLA.

Mas. *Ferruginea; thorax antice nigro binotatus; abdomen cinereum; pedes antici nigricantes, tarsorum articulis apice cinereis; alæ anticæ nigro fuscoque conspersæ, plagis nigricantibus, lineis submarginali et marginali e punctis nigris; posticæ æneo-fuscæ, fimbria pallide ferruginea.*

Male. Ferruginous, paler beneath. Thorax black on each side in front. Abdomen and legs cinereous. Fore legs blackish; tips of the joints of the tarsi cinereous. Fore wings speckled with black and brown; a few blackish patches, of which the largest is in the disk beyond the middle and extends to the costa; two transverse

slightly curved rows of black points, one submarginal, the other marginal. Hind wings æneous-brown; fringe pale ferruginous. Length of the body 5 lines; of the wings 14 lines.

a. Moreton Bay. From Mr. Diggles' collection.

Genus 114. THISIZIMA.

Mas. Corpus sat gracile. Caput et thorax antice pilis rigidis instructa. Palpi arcuati, ascendentes, capitis latitudine longiores; articulus 2us latus, squamosus; 3us lanceolatus, 2o valde brevior. Antennæ valde dilatæ, alis anticis paullo longiores. Alæ antice apice rotundatæ, margine exteriore subconvexo sat obliquo.

Allied to *Æcophora*. *Male*.—Body rather slender. Head and fore part of the thorax with short erect hairs. Palpi curved, ascending, longer than the breadth of the head; second joint broad, squamous; third lanceolate, much shorter than the second. Antennæ much dilated, a little longer than the fore wings. Fore wings moderately broad, somewhat rounded at the tips; fringe long; exterior border slightly convex, rather oblique.

1. THISIZIMA CERATELLA.

Mas. Albida; thorax cupreo-niger, antice albidus; alæ antice vitta lata costali postice angulata punctisque marginalibus cupreo-nigris.

Male. Whitish. Thorax cupreous-black, except in front. Fore wings with a broad irregular cupreous-black costal stripe, which extends to the interior border at the base, and is curved outward before the middle, and forms a more exterior prominent obtuse angle; marginal points cupreous-black. Length of the body $8\frac{1}{2}$? lines; of the wings 8 lines.

a. Hindostan. From Archdeacon Clerk's collection.

Genus 115. PATOUISSA.

Mas et fem. Corpus gracile. Frons perangusta. Proboscis conspicua. Palpi graciles, capitis latitudine triplo longiores; articulus 2us squamoso fimbriatus; 3us setiformis, 2o non brevior. Antennæ robustæ, alis anticis paullo longiores. Abdomen alas

posticas superans. Pedes graciles. Alæ anticæ elongatæ, subacutæ, margine exteriori recto. *Mas.*—Antennæ dimidio basali squamoso pilosæ. Tibiæ posticæ late fimbriatæ.

Allied to *Æcophora*. *Male and female.*—Body slender. Front very narrow. Proboscis distinct. Palpi slender, about thrice longer than the breadth of the head; second joint fringed in front with short squamous hairs; third setiform, as long as the second. Antennæ stout, smooth, a little longer than the fore wings, fringed above in the male for most of the length before the middle with very short squamous hairs. Abdomen extending beyond the hind wings. Legs slender; hind tibiæ of the male broadly fringed; spurs very long. Wings elongate, moderately broad. Fore wings slightly acute; exterior border straight, moderately oblique.

1. PATOUISSA DISSONELLA.

Mas et fœm. *Pallide cinereo-straminea; alæ anticæ ferrugineo conspersæ, punctis duobus discalibus punctisque marginalibus nigris, striga fusca punctoque 2o discali connexis; posticæ obscure cinereæ.*

Male and female. Pale cinereous straw-colour. Fore wings ferruginous-speckled, with two black points in the disk; one before the middle, the other beyond the middle, continued to the interior border by means of a brown streak; a row of black points along the apical part of the costa and along the exterior border. Hind wings dark cinereous; fringe paler. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 116. TIVA.

Fœm. Corpus læve, squamosum, sat robustum. Proboscis mediocris. Palpi læves, graciles, ascendentes, capitis latitudine plus duplo longiores; articulus 2us valde arcuatus; 3us setiformis, subarcuatus, 2o multo longior. Antennæ graciles, alis anticis paullo longiores; articulus 1us longus, validus. Abdomen alas posticas longe superans. Pedes longiusculi; calcaria longissima. Alæ anticæ longæ, latiusculæ, apice rectangulatæ, margine exteriori antico vix excavato.

Allied to *Æcophora*. *Female.*—Body smooth, squamous, rather stout. Proboscis moderately long. Palpi smooth, slender, ascending,

more than twice longer than the breadth of the head; second joint much curved; third setiform, slightly curved, much longer than the second. Antennæ smooth, slender, a little longer than the fore wings; first joint long, stout. Abdomen extending much beyond the hind wings. Legs smooth, rather long; spurs very long. Wings long, rather broad. Fore wings rectangular at the tips; costa straight; exterior border very slightly oblique, hardly excavated in front.

1. TIVA BINOTELLA.

Fœm. Cupreo-purpurea; caput argenteo-cinereum; antennæ articulo 1o apice nigricante; tibiæ anteriores apice nigre; alæ anticæ macula antica transversa strigisque quatuor oblique subapicalibus pallide flavis.

Female. Cupreous-purple. Head in front, palpi, antennæ and legs silvery cinereous. First joint of the antennæ blackish at the tip. Anterior tibiæ with black tips. Fore wings with a pale yellow transverse spot decreasing in breadth from the middle of the costa to the disk; four minute pale yellow oblique streaks near the tip of the costa. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 117. MARISBA.

Mas. Corpus sat robustum. Proboscis brevis. Palpi recurvi, capitis latitudine multo longiores; articulus 2us subfimbriatus; 3us 2o paullo brevior. Antennæ subserratæ, subpubescentes. Abdomen lineare, alas posticas longe superans, lateribus subfasciculatis. Pedes postici sat validi, femoribus breviusculis, tibiis fimbriatis, tarsis squamosis. Alæ anticæ falcatæ, margine exteriori subconvexo perobliquo.

Allied to *Æcophora*. *Male.*—Body rather stout. Proboscis short. Palpi recurved over the vertex, much longer than the breadth of the head; second joint with a short thick fringe in front; third setiform, a little shorter than the second. Antennæ minutely serrated and pubescent, more than half the length of the fore wings. Abdomen linear, extending much beyond the hind wings, with small tufts along each side and with two apical lateral valves. Legs rather stout; hind femora short; hind tibiæ fringed; hind tarsi squamous. Wings long, moderately broad. Fore wings falcate; exterior border slightly convex, very oblique.

1. MARISBA BASIVITTA.

Mas. *Pallide cinereo-cervina ; palporum articulus 2us nigricante fimbriatus ; alæ anticæ atomis paucis vittaque divisa abbreviata fusco marginata nigris, strigula transversa discali marginæque exteriore nigricantibus.*

Male. Pale cinereous fawn-colour. Second joint of the palpi fringed with blackish hairs. Fore legs mostly blackish. Fore wings with a few black speckles, and with a black dislocated brown-bordered stripe, which extends along half the length from the base ; an exterior short oblique blackish streak in the disk ; exterior border and fringe blackish ; a hoary tinge along the costa. Hind wings a little paler than the fore wings. Length of the body 8 lines ; of the wings 20 lines.

a. Australia. From Mr. Damel's collection.

Genus 118. LABDIA.

Mas et fœm. Corpus sat gracile. Frons valde obliqua. Proboscis sat longa. Palpi glabri, gracillimi, capitis latitudine triplo longiores ; articulus 3us 2o non brevior. Antennæ gracillimæ, longiusculæ. Abdomen alas posticas longe superans. Pedes graciles. Alæ latissime fimbriatæ ; anticæ acutæ, sat angustæ ; posticæ perangustæ.

Allied to *Æcophora*. **Male and female.**—Body rather slender. Head smooth ; front very oblique. Proboscis moderately long. Palpi smooth, very slender, full thrice longer than the breadth of the head ; third joint full as long as the second. Antennæ very slender, rather long, shorter than the fore wings. Abdomen extending much beyond the fringe of the hind wings. Legs smooth, slender. Wings with an extremely long fringe. Fore wings acute, rather narrow ; exterior border extremely oblique. Hind wings very narrow.

1. LABDIA DELICIOSELLA.

Mas et fœm. *Saturate ochracea ; caput antice flavescens ; abdomen luteum, apicem versus nigrum ; alæ anticæ strigulis tribus argenteis, dimidio exteriore læte. flavo strigulas duas transversas nigras guttamque auratam micantem includente, margine exteriore cupreo guttas duas flavas includente ; posticæ cupreæ, fimbria aurato-flava.*

Male and female. Dark ochraceous. Head in front and under side pale yellow. Abdomen luteous, black towards the tip. Fore wings bright pale yellow beyond the middle; three very slender silvery streaks in the ochraceous part, which hardly extends to the interior border; two small transverse exterior black streaks, one costal, the other contiguous to a brilliant gilded dot in the disk; exterior part of the costa and tips dark cupreous, with two yellow dots, of which one is costal and is transversely interlined and the other is apical. Hind wings dark cupreous; fringe gilded yellow. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a, b. Australia. From Mr. Darnley's collection.

Genus 119. BIDA.

Corpus sat robustum. Proboscis conspicua. Palpi squamosi, subarcuati, capitis latitudine plus duplo longiores; articulus 3us 2o vix brevior. Pedes longiusculi, sat graciles. Alæ anticae longae, lanceolatae, acutae, margine exteriori recto perobliquo.

Allied to *Æcophora*. Body rather stout. Proboscis distinct. Palpi squamous, very slightly curved, more than twice longer than the breadth of the head; third joint setiform, nearly as long as the second. Legs smooth, rather long and slender. Wings long, lanceolate; fringe moderately long. Fore wings acute; exterior border straight, very oblique; second inferior vein near the first and the third; fourth remote from the third.

1. BIDA CRAMBELLA.

Albida; alæ anticae vittis tribus cervinis, 1a subcostali, 2a apicem attingente, venis nigricantibus.

Whitish. Fore wings with three fawn-coloured stripes; first stripe subcostal; second extending to the tip of the wing; third near the interior border, extending to the interior angle; veins blackish. Length of the body 6? lines; of the wings 16 lines.

a. South Australia. Presented by R. Bakewell, Esq.

Genus 120. THUDACA.

Mas et fam. Corpus sat gracile. Caput fasciculo porrecto conico. Proboscis mediocris. Palpi recti, glabri, graciles, oblique ascendentes, capitis latitudine vix duplo longiores; articulus 3us setiformis, 2i dimidio non longior. Antennæ graciles, subcrenulatæ. Abdomen alas posticas paullo superans. Pedes sat validæ; tibiæ posticæ subfimbriatæ. Alæ anticæ latiusculæ, acutæ, margine exteriore recto.

Allied to *Œcophora*. *Male and female*.—Body rather slender. Head with a porrect conical tuft. Proboscis moderately long. Palpi straight, smooth, slender, obliquely ascending, nearly twice longer than the breadth of the head; third joint setiform, about half the length of the second. Antennæ slender, minutely crenulated, much shorter than the fore wings. Abdomen extending a little beyond the hind wings. Legs smooth, rather stout; hind tibiæ slightly fringed. Wings rather broad; fringe rather short. Fore wings acute; exterior border straight, moderately oblique.

1. THUDACA OBLIQUELLA.

Mas et fœm. *Læte ochracea; pectus et abdomen albidæ, vittis duabus ochraceis, 1a subcostali, 2a postica, fasciis duabus obliquis lineaque marginali ochraceis nigro submarginatis; posticæ aneo-cinereæ, fimbria flavescentia.*

Male and female. Bright ochraceous. Pectus, abdomen and legs whitish. Fore wings silvery white, with two bright ochraceous stripes, one subcostal, the other near the interior border; two bright ochraceous slightly black-bordered bands, which are more oblique than the exterior border; a bright ochraceous marginal line, which is black-bordered on the inner side. Hind wings aneous-cinereous; fringe pale yellowish. Length of the body $3\frac{1}{2}$ — $4\frac{1}{2}$ lines; of the wings 9—12 lines.

a—c. Australia. From Mr. Damel's collection.

d. Moreton Bay. From Mr. Diggles' collection.

e. Sydney. From Mr. Lambert's collection.

f. Sydney. From Mr. Diggles' collection.

Genus 121. UZUCHA.

Mas. Corpus crassum. Proboscis nulla. Palpi graciles, pubescentes, oblique ascendentes, capitis latitudine multo breviores; articulus 3us setiformis, 2o valde brevior. Antennæ graciles, glabræ. Abdomen alas posticas paullo superans. Pedes læves, robusti. Alæ anticæ amplæ, apice rectangulatæ, costa basi gibbosa, margine exteriore recto vix obliquo.

Allied to *Cryptothelia*. **Male.**—Body very stout. Proboscis obsolete. Palpi slender, pubescent, obliquely ascending, much shorter than the breadth of the head; third joint setiform, much shorter than the second. Antennæ smooth, slender, much shorter than the fore wings. Abdomen extending a little beyond the hind wings; tip with two elongate lateral valves. Legs smooth, stout; spurs long. Wings long and broad. Fore wings rectangular to the tips; basal part of the costa extremely prominent, extending much in front of the head; exterior part of the costa almost straight; exterior border straight and hardly oblique, except towards the interior angle; a longitudinal furrow behind the fourth inferior vein, which is very remote from the third. Hind wings with a long penicillate tuft of hairs at the base.

1. UZUCHA HUMERALIS.

Mas. *Sordide rufescens, subtus ochracea; abdomen fasciis quatuor apiceque ochraceis; tibiæ posticæ nigricantes; alæ antica macula basali fusca; posticæ nigricantes, spatio exteriori flavo.*

Male. Dull reddish, ochraceous beneath. Tegulæ of the thorax and fore wings tinged with slate-colour. Abdomen with four ochraceous bands; tip ochraceous. Hind tibiæ blackish. Fore wings with a dark brown spot on the base of the costa. Hind wings blackish; this hue diffuse or consisting of speckles towards the exterior part, which is yellow. Length of the body 10 lines; of the wings 24 lines.

a, b. Moreton Bay. From Mr. Diggles' collection.

Genus 122. MAROGA.

Mas et fœm. Corpus crassum. Proboscis brevis. Palpi subarcuati, oblique ascendentes, capitis latitudine non longiores; abdomen alas posticas paullo superans. Pedes robusti; tibiæ posteriores fimbriatæ. Alæ anticæ amplæ, apice subrotundatæ, costa basi subconvexa, margine exteriori subobliquo.

Male and female. Body very thick. Proboscis short. Palpi smooth, slightly curved, obliquely ascending, not longer than the breadth of the head; third joint lanceolate, half the length of the second. Antennæ smooth, much shorter than the fore wings. Abdomen extending a little beyond the hind wings. Legs stout, rather short; posterior tibiæ fringed; spurs stout, moderately long. Wings long, broad, smooth. Fore wings slightly rounded at the tips; costa slightly convex towards the base; exterior border slightly convex and oblique; veins much like those of *Cryptophasa*.

1. MAROGA GIGANTELLA.

Mas et fœm. Alba; caput antice nigrum; thorax plus minusve cinereus; abdomen nigrum, basi subochraceum, apice ochraceum; alæ anticæ nonnunquam cinereæ, puncto discali exteriori nigro; posticæ nigricantes, fimbria alba.

Male and female. White, shining. Head in front, palpi and antennæ black. Thorax more or less cinereous. Abdomen black, dull ochraceous towards the base, bright ochraceous at the tip. Legs black, except the coxæ; posterior tibiæ fringed with ochraceous hairs. Fore wings in some instances more or less dark cinereous; a black point in the disk beyond the middle. Hind wings blackish; fringe white. Length of the body 10—12 lines; of the wings 20—32 lines.

c—c. Tasmania. From the Entomological Society's collection.

d. South Australia. Presented by R. Bakewell, Esq.

e—l. Australia. Presented by Major-Gen. Hardwicke.

m. Tasmania. From Mr. A. J. Smith's collection.

n. Australia. From Mr. Damel's collection.

o, p. Tasmania. Presented by M. Allport, Esq.

Genus 123. UIPSA.

Fœm. Corpus robustum. Proboscis mediocris. Palpi arcuati, ascendentes, capitis latitudine fere triplo longiores; articulus 2^o latiusculus; 3^{us} setiformis, 2^o paullo brevior. Antennæ robustæ, alis anticis non breviores; articuli subcyathiformes. Pedes robusti, tibiæ anticæ breves; pedes postici fimbria longissima, tarsis subfimbriatis. Alæ anticæ latiusculæ, apice rotundatæ, margine exteriori recto subobliquo.

Female. Body stout. Proboscis moderately long. Palpi smooth, curved, ascending high above the vertex, nearly thrice longer than the breadth of the head; second joint broad, squamous; third joint setiform, a little shorter than the second. Antennæ stout, as long as the fore wings; joints subcyathiform; first joint long, stout. Abdomen extending beyond the hind wings. Legs stout; fore tibiae short, pilose beneath; hind femora towards the tips and hind tibiae except towards the tips, with a long fringe of hairs above; spurs long; hind tarsi with a short fringe above. Wings rather broad. Fore wings rounded at the tips; exterior border straight, very slightly oblique.

1. UIPSA PERIONELLA.

Fœm. *Purpureo-fusca, subtus lutescens; caput, thorax antice et abdomen lutescentia; alæ anticæ plaga subapicali lineaque marginali lutescentibus.*

Female. Purplish brown, pale luteous beneath. Head, thorax in front and abdomen pale luteous. Posterior tibiae and hind tarsi with pale luteous bands. Fore wings with a pale luteous costal patch near the tip; a pale luteous line along the exterior border. Length of the body 5 lines; of the wings 14 lines.

a. Ceylon. Presented by Dr. Templeton.

Genus 124. PÆPIA.

Mas. Corpus sat robustum. Palpi læves, valde arcuati, capitis latitudine plus duplo longiores; articulus 3^{us} setiformis, 2^o paullo brevior. Antennæ sat robustæ, alis anticis breviores. Abdomen alas posticas longe superans. Pedes læves, robusti. Alæ anticæ apice rotundatæ, margine exteriori convexo postice subobliquo.

Allied to the South-American *Cryptolechiæ*. *Male*.—Body rather stout. Palpi smooth, much curved, more than twice longer than the breadth of the head; third joint setiform, a little shorter than the second. Antennæ rather stout, somewhat shorter than the fore wings. Abdomen extending much beyond the hind wings. Legs smooth, stout. Wings moderately broad. Fore wings rounded at the tips; costa almost straight; exterior border convex, slightly oblique hindward.

1. PÆPIA CARPOCAPSELLA.

Mas. *Cupreo-fusca*; palpi articulo 2o intus cinereo; abdomen cinereum; pedes cinereo pallido varii; alæ anticæ e lineolis plurimis albidis trifasciatæ, macula costali alba, fimbria cuprea purpureo-cyaneo interlineata; posticæ cinereæ.

Male. Cupreous-brown. Body beneath and abdomen cinereous. Second joint of the palpi pale cinereous on the inner side. Tarsi, except the basal joint, spurs and tips of tibiæ pale cinereous. Fore wings with three broad bands, each formed by numerous transverse short slender whitish lines; an elongated white spot near the tip of the costa; fringe bright cupreous, interlined with purplish blue. Hind wings cinereous; fringe cupreous towards the base. Length of the body 4 lines; of the wings 8 lines.

a. Ega. From Mr. Bates' collection.

2. PÆPIA CONTORTELLA.

Cervina; caput argenteo-cinereum; palporum articulus 2us nigro strigatus, 3us basi niger; alæ anticæ lineis tribus nigricantibus valde arcuatis.

Fawn-colour. Head and under side silvery cinereous. Palpi twice longer than the breadth of the head; second joint streaked with black above for more than half the length from the base; third black at the base, shorter than the second. Antennæ slender, rather long, but much shorter than the fore wings. Legs stout. Fore wings rather broad, much rounded at the tips, paler along the costa, with three blackish much outward-curved lines, which do not extend to the costa; third line submarginal. Length of the body 3 lines; of the wings 9 lines.

a. Ega. From Mr. Bates' collection

3. *PÆPIA XANTHOPHÆLLA*.

Fœm. *Ochracea, subtus argentea; caput argenteum; alæ anticae plaga magna nigricante; posticae nigricantes.*

Female. Ochraceous. Head, body beneath, palpi and legs silvery. Palpi smooth, slender, more than twice longer than the breadth of the head; third joint shorter than the second. Fore wings much rounded at the tips, with a large blackish patch extending from the outer part of the interior border nearly to the costæ. Hind wings blackish. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

4. *PÆPIA VETUSTELLA*.

Mas. *Æneo-fusca; caput antice argenteo-album; antennæ gracillimæ, subcrenulatæ; alæ anticae venis apicibusque cinereis lineis tribus flavescentibus subcostalibus subobliquis, lineâ posteriore rufa; posticae æneo-cinereæ.*

Male. Æneous-brown, cinereous beneath. Head in front of body beneath, palpi and legs silvery white. Palpi nearly three times longer than the breadth of the head; second joint slightly fringed above at the tip; third shorter than the second. Antennæ very slender, minutely crenulated, a little shorter than the fore wings. Legs long, slender. Fore wings cinereous towards the tips; veins cinereous; three yellowish subcostal slightly oblique lines; an irregular red line along the hind part of the disk. Hind wings æneous-cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a. Ega. From Mr. Bates' collection.

Genus 125. *TISDRA*.

Mas. *Corpus robustum. Proboscis nulla. Palpi graciles arcuati, capitis latitudine fere duplo longiores; articulus 3us setiformis, 2o non brevior. Antennæ glabræ, alis anticis multo breviores. Abdomen alas posticas sat superans. Pedes læves, breviusculi, calcaria longa. Alæ anticae latiusculæ, apice rotundatæ, costa subexcavata basi subconvexa, margine interiore basi subconvexo.*

Allied to *Cryptolechia*. *Male*.—Body stout. Proboscis obsolete. Palpi smooth, slender, curved, nearly twice longer than the breadth of the head; third joint setiform, as long as the second. Antennæ smooth, much shorter than the fore wings. Abdomen extending rather beyond the hind wings. Legs smooth, rather short; spurs long. Wings rather broad. Fore wings rounded at the tips; costa slightly convex towards the base, slightly excavated in the middle; exterior border slightly convex, rather oblique; interior border slightly convex towards the base.

The structure of the fore wings distinguishes this genus from *Depressaria* and from *Gelechia*.

1. TISDRA OBTUSELLA.

Mas. *Nigro-cuprea, subtus argentea; abdomen, alæ anticæ subtus alæque posticæ cuprea.*

Male. Blackish cupreous. Body beneath, palpi and legs silvery. Abdomen, fore wings beneath and hind wings cupreous. Length of the body 2 lines; of the wings 5 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 126. NOSYMNA.

Mas. Corpus crassum. Palpi porrecti, caput vix superantes; articulus 3us lanceolatus, 2i dimidio paullo longior. Antennæ glabræ. Abdomen alas posticas vix superans. Alæ anticæ apice rotundatæ, costa subconvexa, margine exteriori subobliquo.

Male. Body thick. Palpi porrect, hardly extending beyond the head; third lanceolate, a little more than half the length of the second. Antennæ smooth. Abdomen hardly extending beyond the hind wings; apical tuft short. Fore wings rounded at the tips; costa and exterior border slightly convex, the latter slightly oblique.

1. NOSYMNA REPLETELLA.

Mas. *Alba, crassa; palpi supra nigricantes; abdomen fasciculo apicali fusco; alæ anticæ plaga discali diffusa fuscescente, punctis plurimis nigris; posticæ dimidio exteriori fuscescente.*

Male. White. Second joint of the palpi blackish above, third blackish. Apical tuft of the abdomen brown. Fore wings with a diffuse pale brownish discal patch, and with numerous black points of various size. Hind wings with the exterior half pale brownish. Length of the body 8 lines; of the wing 28 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 127. BINSITTA.

Mas. Corpus robustum. Proboscis brevissima. Palpi capituli latitudine triplo longiores; articulus 2us dense squamoso fimbriatus, 3us setiformis, fasciculatus, 2o valde brevior. Antennæ graciles breviusculæ. Abdomen alas posticas superans. Pedes sat robusti, tibiæ posticæ pilosæ. Alæ anticæ latiusculæ, fasciculoso asperæ, apice rectangulatæ, costa basi subconvexa extus subcontracta, margine exteriori subrecto vix obliquo.

Allied to *Chætostricha*. *Male*.—Body stout. Proboscis very short. Palpi thrice longer than the breadth of the head; second joint thickly fringed with squamous hairs on both sides; hair longest in front; third setiform, much shorter than the second, with a tuft of hairs on the middle of the front side. Antennæ slender, less than half the length of the fore wings. Abdomen extending beyond the hind wings. Legs rather stout; hind tibiae pilose; spurs long. Fore wings rather broad, rectangular at the tips, with some erect tufts of squamous hairs; costa slightly convex towards the base, slightly contracted beyond the middle; exterior border nearly straight, hardly oblique.

1. BINSITTA NIVIFERANA.

Mas. Alba; thorax fasciis duabus interruptis cervinis; palporum articulus 3us basi niger, fasciculo cervino; alæ anticæ fasciculis tribus costalibus squamosis chalybæis cervino et parte marginatis, disco fasciculis nonnullis erectis asperis; posticæ flavescentes.

Male. White. Third joint of the palpi black towards the base, with a fawn-coloured tuft of hairs. Thorax with two incomplete fawn-coloured bands. Fore wings with three chalybeous-blue

tufts of scales, which are partly bordered with fawn-colour; the first at the base of the costa, the second at the tip, composed of marginal points; the third extending from the middle of the costa to the disk; a few white-erect tufts in the disk; under side and hind wings yellowish. Length of the body 4 lines; of the wings 12 lines.

1. North Hindostan. From Mr. James' collection.

Genus 128. EXODOMORPHA.

Mas et fœm. Corpus robustum. Proboscis brevis. Palpi læves, arcuati, ascendentes, capitis latitudine longiores. Antennæ subincrassatæ, apices versus subfimbriatæ. Abdomen alas posticas longissime superans. Pedes læves, validi; tibiæ posticæ calcaribus longis approximatis. Alæ anticæ perangustæ, apice rotundatæ; posticæ longissime fimbriatæ.

Male and female. Body stout. Proboscis short. Palpi smooth, curved, rising a little higher than the vertex, longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ shorter than the fore wings, slightly incrassated, except towards the tips, slightly fringed at the end of the incrassated part. Abdomen extending for three-fourths of its length beyond the hind wings. Legs stout, smooth; hind tibiæ with four long approximate spurs. Wings very narrow. Fore wings rounded at the tips; costa straight; exterior border extremely oblique. Hind wings with a very long fringe.

1. EXODOMORPHA DIVISELLA.

Mas et fœm. *Obscure purpureo-cuprea; caput subtus pectorisque latera aurato-flavum; abdomen coccineum, basi ventrequæ aurato-flavis, maculis tribus purpureo-cupreis, fasciis duabus ventralibus purpureis; alæ anticæ guttis tribus flavis; posticæ auratæ, costa fimbriaque rufis.*

Male and female. Dark purplish cupreous. Head beneath and pectus on each side pale gilded yellow. Abdomen scarlet, with a purplish cupreous spot near the base, which is gilded yellow; a purplish cupreous spot on each side at the tip; under side gilded yellow, with two purplish bands; first band near the base, widely interrupted; second subapical, entire. Fore wings with three pale

yellow dots; first dot discal, near the base; second costal, opposite the third, which is near the end of the interior border. Hind wings gilded; costa and fringe red, the latter blackish cupreous towards the tip of the wing. Length of the body $2\frac{1}{4}$ lines; of the wings $5\frac{1}{2}$ lines.

a, b. Port Natal. From M. Gueinzus' collection.

c—e. Sierra Leone. From Mr. Foxcroft's collection.

2. EXODOMORPHA INCLUSELLA.

Mas et fœm. *Purpureo-cuprea; caput subtus pectorisque latera aurato-flava; abdomen aurato-rufum, basi apice ventris auratis, macula basali fasciæque subapicali purpureo-cupreæ alæ posticæ auratæ, costa fimbriæque rufis.*

Male and female. Dark purplish cupreous. Head beneath and sides of the thorax pale gilded yellow. Abdomen gilded red with a purplish cupreous spot near the base, which is gilded; purplish cupreous subapical band; tip and under side gilded. Hind wings gilded; costa and fringe red, the latter blackish cupreous towards the tip. Length of the body $2\frac{3}{4}$ lines; of the wings $5\frac{1}{2}$ lines.

E. Divisella, var.?

a. Port Natal. From M. Gueinzus' collection.

b. South Africa. From Mr. Argent's collection.

3. EXODOMORPHA DEROGATELLA.

Mas. *Cuprea; caput subtus pectorisque latera aurato-flava; abdomen aurato-flavum, apice nigrum; alæ posticæ auratæ.*

Male. Cupreous. Head beneath and sides of the thorax gilded yellow. Abdomen gilded yellow; tip partly black. Hind wings gilded; tip and exterior part of the fringe gilded. Length of the body $2\frac{3}{4}$ lines; of the wings $5\frac{1}{2}$ lines.

a. Port Natal. From M. Gueinzus' collection.

Genus 129. URBARA.

Mas. Corpus sat validum. Proboscis conspicua. Caput cristatum. Oculi magni. Palpi robusti, erecti, pilosi, capitis latitudine rix duplo longiores; articulus 3us 2i dimidio non longior. Antennæ graciles, subsetulosæ. Pedes robusti, squamosi. Alæ anticæ at angustæ, apice rotundatæ, margine exteriori postico perobliquo.

Male. Body rather stout. Head above with a thick erect tuft of hairs. Eyes large, prominent. Proboscis distinct. Palpi thick, erect, thickly clothed with long erect hairs, nearly twice longer than the breadth of the head; first joint long, but much shorter than the second; third about half the length of the second. Antennæ slender, minutely setulose, much shorter than the fore wings. Legs stout, squamous; spurs long. Wings rather narrow, rounded at the tips; exterior border very oblique hindward.

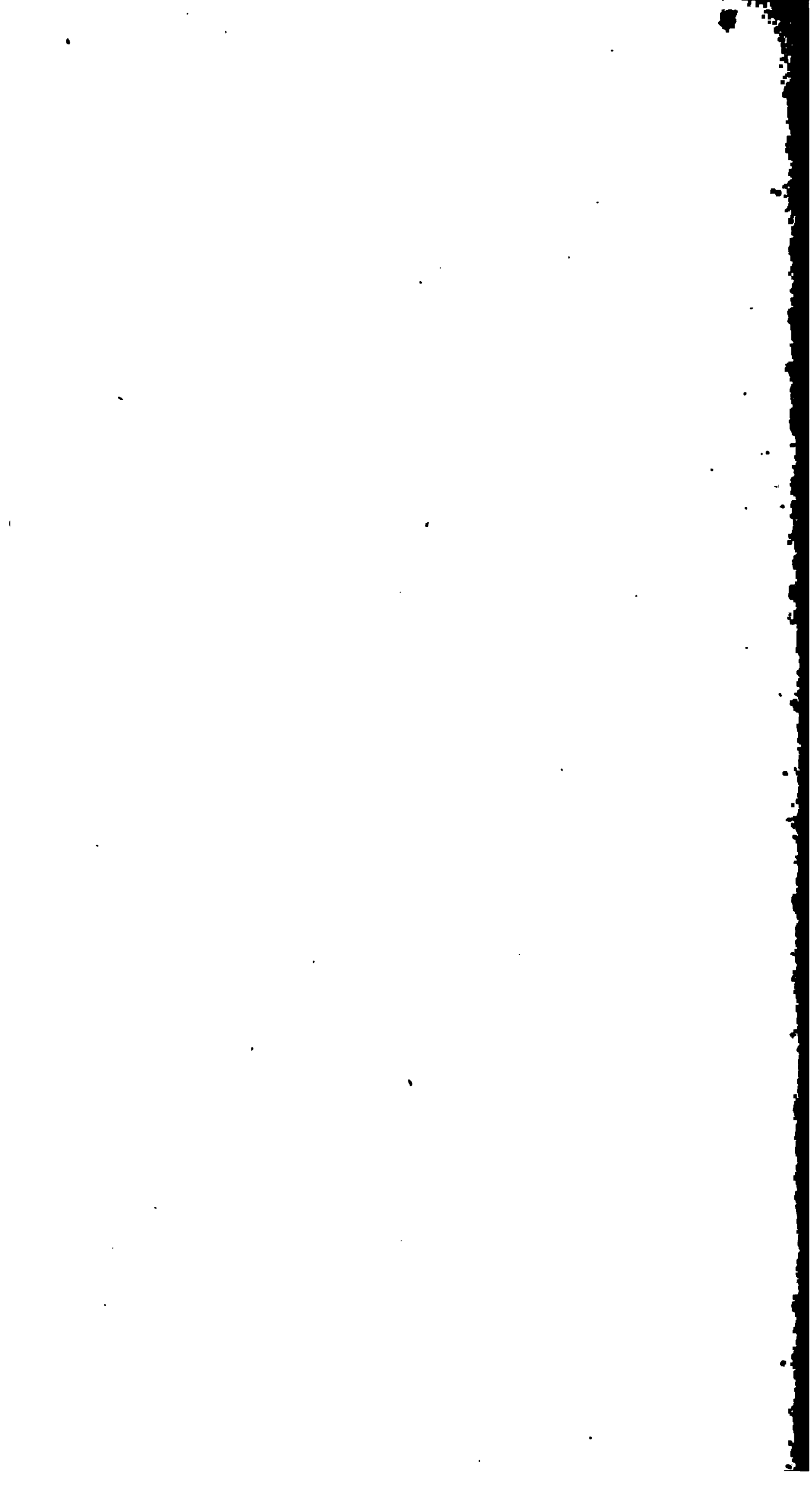
This genus seems to have nearly as much affinity to the *Hermiidae* as to the *Gelechiidae*.

1. URBARA GALEATA.

Mas. *Fusca; caput nigro-fuscum; alæ anticæ punctis quatuor discalibus punctisque marginalibus nigris.*

Male. Brown. Head above and palpi blackish brown. Legs cinereous. Fore wings with four black points in the disk; two of these in a direct line between the other two and the interior border; a row of black points along the exterior border. Length of the body 4 lines; of the wings 12 lines.

a. Ega. From Mr. Bates' collection.



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LIST

OF THE
SPECIMENS
OF
LEPIDOPTEROUS INSECTS
IN
THE COLLECTION
OF THE
BRITISH MUSEUM. (nat. hist.)
Dept. of zoology.
BY
FRANCIS WALKER, F.L.S., &c.

PART XXX.
TINEITES.

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P R E F A C E .

THE object of the present Catalogue is to give a complete list of all the genera and species of Crambites, Tortricites and Tineites known to exist in the different collections. The letters *a, b, c, &c.*, after the species, denote the specimens now contained in the British Museum, followed by the *habitat* and the mode in which each of them was obtained, and the absence of these *letters* indicates the species which are desiderata, and therefore desirable to be procured for the collection.

JOHN EDWARD GRAY.

British Museum,

June, 1864.

CATALOGUE
OF
LEPIDOPTERA HETEROCERA.
—
SIXTH SERIES.
—

Fam 5. GLYPHYPTERYGIDÆ.

Glyphypterygidæ, *Sta.*

Genus 1. ACROLEPIA.

Acrolepia, *Ct.*

1. ACROLEPIA GRANITELLA.

granitella, *Tr.*

—*d.* England. Presented by F. Bond, Esq.

—*g.* England.

2. ACROLEPIA SOLIDAGINIS.

Solidaginis, *Std.*

3. ACROLEPIA EGLANTERIELLA.

eglanteriella, *Mn.*

4. ACROLEPIA PERLEPIDELLA.

perlepidella, *Sta.*—*fulviceps*, *Wck.*—*ruficeps*, *H.-S.*

5. ACROLEPIA PYGMÆANA.

pygmæana, *Hw.*—autumnitella, *Ct.*—Lefebvriella, *Dp.*—Heleniella,
Zl.—vigeliella, *Dp.*

a—d. England.

6. ACROLEPIA BETULELLA.

betulella, *Ct.*—assectella, *Zl.*

7. ACROLEPIA VESPERELLA.

vesperella, *Zl.*

8. ACROLEPIA FUMOCILIELLA.

fumociliella, *Mn.*

9. ACROLEPIA CARIOSELLA.

cariosella, *Zl.*—reticulella, *Tr.*

Genus 2. ROESLERSTAMMIA.

Roeslerstammia, *Zl.*

1. ROESLERSTAMMIA ERXLEBELLA.

Erxlebella, *F.*—fuscocuprella, *Hw.*—chrysitella, *Tr.*—Erxlebinella,
Zl.—æneella, *Dp.*

a. England.

2. ROESLERSTAMMIA PRONUBELLA.

pronubella, *W. V.*

Genus 3. GLYPHYPTERYX.

Glyphipteryx, *Hb.*

1. GLYPHYPTERYX LORICATELLA.

loricatella, *Tr.*

2. GLYPHYPTERYX BERGSTRAESSERELLA.

Bergstraesserella, *F.*—Linneana, *Hb.*—Linneella, *Hb.*—Treitschke-
 ana, *Froel.*

South Africa.

3. GLYPHYPTERYX ? DIMIDIATELLA.

Cuprea, sat robusta; antennæ alis anticis multo breviores; abdomen alas posticas longissime superans; alæ anticæ angustæ, dimidio basali aurato-flavo.

Cupreous, rather stout. Antennæ much shorter than the fore wings. Abdomen extending for nearly its whole length beyond the hind wings. Wings narrow; fringe long. Fore wings gilded yellow for half the length from the base. Length of the body 3 lines; of the wings 8 lines.

a. Cape. From M. Dregé's collection.

Asia.

4. GLYPHYPTERYX SCITULELLA.

Fœm. Læte ochracea, robusta, subtus viridis; antennæ sat validæ; alæ anticæ apices versus atræ, cyaneo et purpureo variæ, striga basali lineisque duabus transversis viridibus; posticæ purpurascens.

Female. Bright ochraceous, stout, metallic-green beneath. Palpi short, decumbent. Antennæ æneous, rather thick. Abdomen æneous, short, tapering. Legs rather slender; spurs moderately long. Fore wings deep black, varied with blue and purple for full one-third of the length from the tips; a subcostal metallic-green streak extending nearly to a transverse line of the same hue, which is black-bordered on the outer side, and is nearly parallel to another transverse line, the latter bordering the black part. Hind wings purplish. Length of the body 3 lines; of the wings 8 lines.

a. Ceylon. Presented by Dr. Templeton.

5. GLYPHYPTERYX APPARITELLA.

Ænea, gracilis; antennæ gracillimæ, alis anticis paullo breviores; alæ anticæ perangustæ, fascia exteriori lata aurata.

Æneous, slender. Antennæ very slender, a little shorter than the fore wings. Legs slender; spurs long. Wings very narrow; fringe long. Fore wings with a broad gilded band beyond the middle. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ceylon. Presented by Dr. Templeton.

6. GLYPHYPTERYX ? PERORNATELLA.

Mas. *Viridis, micans, sat robusta; caput antice cyaneum; abdomen ochraceum, basi fasciæque subapicali ochraceæ; alæ anticae apices versus aurato-ochraceæ, guttis quatuor cupreis micantibus; posticae purpureæ.*

Male. Brilliant metallic-green, smooth, squamous, rather stout. Head bright blue in front. Palpi yellowish, decumbent, shorter than the breadth of the head; third joint lanceolate, shorter than the second. Antennæ rather stout. Abdomen bright ochraceous, cupreous at the base, and with a cupreous subapical band pale gilded beneath. Legs cupreous; spurs short; joints of the tarsi with pale gilded tips. Fore wings gilded ochraceous toward the tips, with four glittering cupreous dots, two submarginal and two marginal. Hind wings purple. Length of the body 5 lines; of the wings 11 lines.

a. North China. From Mr. Fortune's collection.

Australia.

7. GLYPHYPTERYX SABELLA.

Sabella, Newm.

Australia.

8. GLYPHYPTERYX RECEPTELLA.

Mas. *Cupreo-cervina; caput subaurato-albidum; abdomen ochraceum, apicem versus cupreo-cervinum; pedes aurato-flavi; alæ anticae angustæ, vix acutæ, lineis tribus basalibus albæ fascia exteriori lata aurato-flava guttam auratam micantem includente, strigulis duabus transversis pallide flavis, apice cupreo.*

Male. Cupreous fawn-colour, pale gilded yellow beneath. Head whitish, slightly gilded. Antennæ slender. Abdomen ochraceous, extending much beyond the hind wings, cupreous fawn-colour towards the tip. Legs pale gilded yellow, smooth, slender. Wings narrow; fringe very long. Fore wings hardly acute, with three slender longitudinal white lines near the base; a broad pale gilded yellow exterior band, which includes a glittering gilded dot near the interior border, and extends nearly to the cupreous tip;

the exterior part of the band is abbreviated towards the costa, with which it is connected by two pale yellow transverse streaklets. Length of the body 3 lines; of the wings 8 lines.

a. Sydney. From Mr. Lambert's collection.

New Zealand.

9. GLYPHYPTERYX EXTERNELLA.

Fœm. *Cuprea*; *alæ anticæ apice rotundatæ macula costali exteriore cinerea.*

Female. Cupreous. Antennæ a little shorter than the fore wings. Fore wings narrow, rounded at the tips, with a cinereous spot on the costa beyond the middle. Fringe of the hind wings very long. Length of the body 3 lines; of the wings 8 lines.

a. New Zealand. Presented by Col. Bolton.

10. GLYPHYPTERYX SCINTELELLA.

Cuprea; *antennæ sat validæ*; *pedes argenteo fasciati*; *alæ anticæ argenteo quadrimaculatæ.*

Cupreous. Antennæ rather stout, little more than half the length of the fore wings. Tibiæ and tarsi with silvery bands. Wings narrow. Fore wings with four silvery spots, which extend from the costa to the disk. Length of the body $1\frac{1}{2}$ line; of the wings 4 lines.

a. New Zealand. Presented by Col. Bolton.

Genus 4. ÆCHMIA.

Æchmia, Tr.

1. ÆCHMIA FUSCOVIRIDELLA.

fuscoviridella, Hw.—*albicostella, Dp.*

a. England. Presented by E. Shepherd, Esq.

b, c. England. From Mr. Chant's collection.

d—m. England.

2. ÆCHMIA CLADIELLA.

cladiella, Sta.

3. *ÆCHMIA THRASONELLA*.

thrasonella, Sc.—Fuesella, F.—Fyesella, F.—Fueslii, Hb.—Seppella, Hb.—triguttella, Dn.—Aillyella, Hb.—equitella, van seppella, Tr.

a. England. From Mr. King's collection.

b. England. Presented by E. Shepherd, Esq.

c—e. England. From Mr. Bouchard's collection.

f—p. England.

4. *ÆCHMIA HAWORTHANA*.

Haworthana, St.—zonella, Ztt.

a—i. England.

5. *ÆCHMIA EQUITELLA*.

equitella, Sc.—Klemannella, F.

a—g. England.

6. *ÆCHMIA SCHÆNICOLELLA*.

Schænicolella, Sta.

7. *ÆCHMIA OCULATELLA*.

oculatella, Zl.—Lucasella, Dp.

8. *ÆCHMIA FISCHERIELLA*.

Fischeriella, Zl.—desiderella, Fr.—Roeslerstammella, F.-R.—Æchmiella, Dp.—desideratella, Dp.

a. England. From Mr. Chant's collection.

b—j. England.

Africa.

9. *ÆCHMIA BOHEMANNI*.

Bohemanni, Zl.

South Africa.

Genus 5. *TIMAGMA*.

Timagma, Zl.

1. TIMAGMA DENTELLUM.

dentellum, Zl.—subdentella, Sta.

a—c. England.

2. TIMAGMA PERDICELLUM.

perdicellum, Zl.

3. TIMAGMA PROFUGELLUM.

profugellum, Sta.

4. TIMAGMA BORKHAUSENIELLUM.

Borkhauseniellum, H.-S.

5. TIMAGMA HERRICHIELLUM.

Herrichiellum, H.-S.

6. TIMAGMA SALTATRICELLUM.

saltatricellum, F.-R.

7. TIMAGMA BALTEOLELLUM.

balteolellum, F.-R.

8. TIMAGMA THYMETELLUM.

thymetellum, Std.

9. TIMAGMA TRANSVERSELLUM.

transversellum, Zl.

Genus 6. DOUGLASIA.

Douglasia, Sta.

1. DOUGLASIA OCNEROSTOMELLA.

ocnerostomella, Sta.

a. England. From Mr. Bouchard's collection.

b—d. England.

Genus 7. PERITTIA.

Perittia, *Sta.*

1. PERITTIA OBSCUREPUNCTELLA.

obscorepunctella, *Sta.*

a, b. England.

Genus 8. HELIOZELA.

Heliozela, *Hb.*

1. HELIOZELA SERICIELLA.

sericiella, *Hw.*—metallicella, *Zl.*

a—i. England.

2. HELIOZELA STANNEELLA.

Stanneella, *F.-R.*

3. HELIOZELA LITHARGYRELLA.

lithargyrella, *Zl.*

4. HELIOZELA RESPLENDELLA.

resplendella, *Sta.*—metallicella, *Sta.*

Genus 9. BRENTHIA.

Brenthia, *Clms.*

1. BRENTHIA PAVONACELLA.

pavonacella, *Clms.*

United States.

Fam. 6. ARGYRESTHIDÆ.

Argyresthidæ, *Sta.*

Genus 1. ARGYRESTHIA.

Argyresthia, *Hb.*—Ismene, *St.*—Æcophora, *F.-R.*

1. ARGYRESTHIA EPHIPPELLA.

ephippella, *F.*—ephippium, *F.*—pruniella, *Hb.*—transpodella, *St.*

- a. England From Mr. Chant's collection.
 b. England. From Mr. Bouchard's collection.
 c—i. England.

2. ARGYRESTHIA NITIDELLA.

nitidella, *F.*—pruni, *Hw.*—pruniella, *St.*

- a. England. From Mr. Bouchard's collection.
 b—q. England.

3. ARGYRESTHIA PURPURASCENTELLA.

purpurascentella, *Sta.*

- a. England. From Mr. Bouchard's collection.

4. ARGYRESTHIA SEMITESTACELLA.

semitestacella, *Ct.*—semipurpurella, *Ham.*

- a, b. England.

5. ARGYRESTHIA RUFELLA.

rufella, *Tgstr.*

6. ARGYRESTHIA ALBISTRIA.

albistria, *Hw.*—fagetella, *Moritz*, *Zl.*—fagatella, *H.-S.*

- a, b. England. From Mr. Bouchard's collection.
 c. England. From Mr. Chant's collection.
 d—p. England.

7. ARGYRESTHIA SPINELLA.

spinella, *Zl.*

8. ARGYRESTHIA CONJUGELLA.

conjugella, *Zl.*

- a, b. England. From Mr. Bouchard's collection.
 c—j. England.

9. ARGYRESTHIA SEMIFUSCA.

semifusca, *Hw.*—semipurpurella, *St.*—pruniella, *Dn.*

- a. England.

10. ARGYRESTHIA MENDICA.

mendica, *Hw.*—*mendicella*, *St.*—*cæsiella*, *Tr.*—*pruniella*, *Zl.*
tetrapodella, *Zl.*—*spinosella*, *Sta.*

a. England. From Mr. Chant's collection.

b—i. England.

11. ARGYRESTHIA PULCHELLA.

pulchella, *Lienig*, *Zl.*

12. ARGYRESTHIA GLAUCINELLA.

glaucinella, *Zl.*

a—d. England. Presented by F. Bond, Esq.

13. ARGYRESTHIA FUNDELLA.

fundella, *Fischer*, *F.-R.*

14. ARGYRESTHIA RETINELLA.

retinella, *Zl.*

a—e. England. From Mr. Wing's collection.

f. England. From Mr. Bouchard's collection.

g—p. England.

q, r. Germany. From M. Heminghoffen's collection.

15. ARGYRESTHIA ABDOMINALIS.

abdominalis, *Zl.*

a, b. England.

16. ARGYRESTHIA INAURATELLA.

inauratella, *Tgstr.*

17. ARGYRESTHIA DILECTELLA.

dilectella, *Zl.*

a, b. England. From Mr. Wing's collection.

c—h. England.

18. ARGYRESTHIA ANDEREGGIELLA.

andereggiella, *Dp.*—*V-ella*, *Hw.*

- b.* England. From Mr. Wing's collection.
- England. From Mr. Bouchard's collection.
- i.* England. From Mr. Meek's collection.
- l.* England.

19. ARGYRESTHIA CURVELLA.

curvella, *L.*—*cornella*, *F.*—*curva*, *Hw.*—*sparsella*, *Zl.*

- d.* England. From Mr. Wing's collection.
- England. From Mr. King's collection.
- n.* England.

20. ARGYRESTHIA SORBIELLA.

sorbiella, *Tr.*

- England. From Mr. Bouchard's collection.

21. ARGYRESTHIA PYGMÆELLA.

pygmæella, *Hb.*—*semifasciella*, *Hw.*

- b.* England. From Mr. Wing's collection.
- m.* England.

22. ARGYRESTHIA GÆDARTELLA.

gædartella, *L.*—*semiargentella*, *Dn.*—*var. literella*, *Hw.*

- b.* England. From Mr. Bouchard's collection.
- England. From Mr. Wing's collection.
- r.* England.
- t.* Europe. From M. Becker's collection.
- Germany. From M. Heminghoffen's collection.
- Nova Scotia. From Lieut. Redman's collection.

23. ARGYRESTHIA BROCKEELLA.

brockeella, *Hb.*—*I W-ella*, *Hw.*—*aurivitella*, *Hw.*

- England. From Mr. Wing's collection.
- Scotland. From Mr. Foxcroft's collection.
- o.* England.
- Europe. From M. Becker's collection.
- t.* Germany. From M. Heminghoffen's collection.

24. ARGYRESTHIA LÆVIGATELLA.
lævigatella, *H.-S.*

25. ARGYRESTHIA AMIANTELLA.
amiantella, *Kll., Zl.*

26. ARGYRESTHIA GLABRATELLA.
glabratella, *Zl.*

27. ARGYRESTHIA ARCEUTHINA.
arceuthina, *Zl.*—arceuthinella, *Dp.*
a—c. England. From Mr. Wing's collection.
d—i. England.

28. ARGYRESTHIA ILLUMINATELLA.
illuminatella, *F.-R., Zl.*—bergiella, *Rtzb.*

29. ARGYRESTHIA CERTELLA.
certella, *Zl.*

30. ARGYRESTHIA ? OLEAGINELLA.
oleaginella, *Stdg.*

31. ARGYRESTHIA PRÆCOCELLA.
præcocella, *Zl.*
a, b. England. From Mr. Wing's collection.
c—g. England.

32. ARGYRESTHIA AURULENTELLA.
aurulentella, *Sta.*
a, b. England. From Mr. Wing's collection.

33. ARGYRESTHIA DECIMELLA.
decimella, *Sta.*

North America.

34. ARGYRESTHIA OREASELLA.

Oreasea, *Clms.*

United States.

New Zealand.

35. ARGYRESTHIA TRANSVERSELLA.

Fœm. *Aurata, micans; palpi capitis latitudine non breviores; alæ anticæ acutæ, strigis quinque transversis argenteis, 1a 3aque postice abbreviatis, 2a flexa, 4a fracta, 5a fimbriali; posticæ cupreæ.*

Female. Gilded, brilliant, slender, less bright beneath. Palpi smooth, slender, curved, as long as the breadth of the head; third joint lanceolate, shorter than the second. Antennæ much shorter than the fore wings. Abdomen extending for full half its length beyond the hind wings. Fore wings narrow, acute, with five transverse silvery streaks; first, second and third streaks oblique; first and third abbreviated hindward; second bent in the middle; fourth dislocated in the middle, not oblique; fifth on the fringe. Hind wings cupreous; fringe very long. Length of the body 3 lines; of the wings 7 lines.

a, b. Auckland, New Zealand. From Mr. Oxley's collection.

36. ARGYRESTHIA STILBELLA.

Alba, gracilis; palpi porrecti, pilosi; abdomen attenuatum, alas posticas longissime superans; alæ anticæ angustæ, vitta strigisque quatuor anticis obliquis cupreis; posticæ cinereæ.

stilbella, *Dbl.*

White, slender. Palpi porrect, not longer than the breadth of the head; second joint pilose. Antennæ slender. Abdomen cinereous, attenuated, extending very far beyond the hind wings. Legs smooth, slender. Wings very narrow, with a cupreous stripe, which extends from the base to the tip, and is nearer to the interior border than to the costa; four cupreous streaks between the stripe and the costa; first streak extending from the base, very short; second commencing between the costa and the stripe, which it joins beyond the middle; third very oblique, extending from the costa to three-

fourths of the length of the stripe; fourth subapical, parallel to the third; exterior border extremely oblique. Hind wings cinereous. Length of the body 4 lines; of the wings 10 lines.

a. New Zealand. Presented by Dr. Sinclair.

Genus 2. CEDESTIS.

Cedestis, *Zl.*—*Argyresthia*, *Dp.*

1. CEDESTIS GYSSELENIELLA

gysseleniella, *Dp.*

a—e. Germany. From M. Heminghoffen's collection.

2. CEDESTIS FARINATELLA.

farinatella, *Dp.*

a—e. England. From Mr. Wing's collection.

f. England. From Mr. Bouchard's collection.

g—m. England.

Genus 3. OCNEROSTOMA.

Ocnerostoma, *Zl.*

1. OCNEROSTOMA PINARIELLA.}

pinariella, *Zl.*—*argentella*, *Zl.*—*galactitella*, *Ev.*

a. England. From Mr. Wing's collection.

b—m. England.

2. OCNEROSTOMA COPIOSELLA.

oopiosella, *Fy.*

Genus 4. ZELLERIA.

Zelleria, *Sta.*

1. ZELLERIA HEPARIELLA.

hepariella, *Sta.*

a. England. From Mr. Bouchard's collection.

2. ZELLERIA INSIGNIPENNELLA.

insignipennella, *Sta.*

3. ZELLERIA FASCIAPENNELLA.

fasciapennella, *Sta.*

Scotland. Presented by R. F. Logan, Esq.

Genus 5. PIGRITIA.

pigritia, *Clms.*

1. PIGRITIA LATIOPITELLA.

latiopicapitella, *Clms.*

United States.

Fam. 7. GRACILARIDÆ.

gracilaridæ, *Sta.*

Genus 1. GRACILARIA.

gracilaria, *Hw.*—Ornix, *Tr.*—Calotripis, *Hb.*—Pœciloptilia, *Hb.*
 —Haploptilia, *Hb.*—Coleophora, *Dp.*—Elachista, *Dp.*

1. GRACILARIA ALCHIMIELLA.

alchimiella, *Sc.*—Swederella, *Schalen.*—Francckella, *Hb.*—hilari-
 pennella, *Tr.*—Thunbergii, *Hw.*—Thunbergella, *St.*

—*d.* England. From Mr. Wing's collection.—*m.* England.—*e.* Europe. From M. Becker's collection.

2. GRACILARIA STIGMATELLA.

stigmatella, *F.*—upupæpennella, *Hb.*—trigona, *Hw.*—ochracea,
Hw.—triangulella, *Prz.*—semifascia, *St.*—purpurea, *St.*

—*d.* England. From Mr. Wing's collection.—*j.* England.—*l.* Europe. From M. Becker's collection.

3. GRACILARIA STRAMINEELLA.

stramineella, *Sta.**a.* England.

4. GRACILARIA HEMIDACTYLELLA.

hemidactylella, *W. V.*—hemidactylus, *F.**a—c.* England.

5. GRACILARIA ONERATELLA.

oneratella, *Zl.*

6. GRACILARIA ONUSTELLA:

onustella, *Hb.*—hemidactylella, *var.*, *H.-S.*

7. GRACILARIA FALCONIPENNELLA.

falconipennella, *Hb.*—inconstans, *H.-S.*

8. GRACILARIA SEMIFASCIA.

semifascia, *Hw.*—picipennella, *Zl.**a, b.* England. From Mr. Stevens' collection.*c—f.* England. From Mr. Bouchard's collection.*g—k.* England.

9. GRACILARIA POPULETORUM.

populetorum, *Zl.*—tetraonipennella, *Dp.**a.* England.

10. GRACILARIA ELONGELLA.

elongella, *L.*—punctella, *L.*—elongatus, *F.*—ochrodactyla, *W. V.*—
hemidactyla, *Hw.*—signipennella, *Hb.*—roscipennella, *Tr.*—
inconstans, *Sta.**a—m.* England.*n—q.* Europe. From M. Becker's collection.

11. GRACILARIA RUFIPENNELLA.

rufipennella, *Hb.**a, b.* Europe. From M. Becker's collection.

12. GRACILARIA TRINGIPENNELLA.

tringipennella, *F.-R.*, *Zl.*—fringilella, *Dp.* .

a—*c.* England. From Mr. Wing's collection.

d—*g.* England. From Mr. Bouchard's collection.

h, *i.* England.

13. GRACILARIA LIMOSELLA.

limosella, *F.-R.*, *Zl.*

14. GRACILARIA ROSCIPENNELLA.

roscipennella, *Hb.*—puncticostella, *H.-S.*

15. GRACILARIA TAXELLA.

taxella, *H.-S.*

16. GRACILARIA RHODINELLA.

rhodinella, *H.-S.*

17. GRACILARIA SYRINGELLA.

syringella, *F.*—ardeæpennella, *Tr.*—anastomosis, *Hw.*

a—*h.* England. From Mr. Wing's collection.

i—*n.* England.

o, *p.* Europe. From M. Becker's collection.

18. GRACILARIA SIMPLONIELLA.

simploniella, *Bd.*, *F.-R.*, *Dp.*

North America.

19. GRACILARIA SUPERBIFRONTELLA.

superbifrontella, *Clms.*

United States.

20. GRACILARIA FULGIDELLA.

fulgidella, *Clms.*

United States.

21. GRACILARIA VENUSTELLA.

venustella, *Clms.*

United States.

22. GRACILARIA STRIGIFINITELLA.

strigifinitella, *Clms.*

United States.

23. GRACILARIA VIOLACELLA.

violacella, *Clms.*

United States.

Madeira.

24. GRACILARIA STANTONI.

Staintoni, *Wltn.*

Madeira.

25. GRACILARIA? AURANTIACA.

aurantiaca, *Wltn.*

Madeira.

Hindostan.

26. GRACILARIA RESPLENDENS.

resplendens, *Sta.*

Calcutta.

27. GRACILARIA QUADRIFASCIATA.

quadrifasciata, *Sta.*

Calcutta.

28. GRACILARIA GEMONIELLA.

Gemoniella, *Sta.*

Calcutta.

29. GRACILARIA TERMINALISÆ.

Terminalisæ, *Alkn.*

Calcutta.

30. GRACILARIA NITIDULA.

nitidula, *Sta.*

Calcutta.

31. GRACILARIA ? AURICILLA.

auricilla, *Sta.*

Calcutta.

32. GRACILARIA ? FALCATELLA.

falcatella, *Sta.*

Calcutta.

33. GRACILARIA ? USTULATELLA.

ustulatella, *Sta.*

Calcutta.

Australia.

34. GRACILARIA FORMOSA.

formosa, *Sta.*

Moreton Bay.

35. GRACILARIA PLAGIATA.

plagiata, *Sta.*

Moreton Bay.

36. GRACILARIA ALBOMARGINATA.

albomarginata, *Sta.*

Moreton Bay.

37. GRACILARIA CALICELLA.

calicella, *Sta.*

Moreton Bay.

38. GRACILARIA TERMINELLA.

Rufescens-cervina; alæ anticæ lineis duabus obliquis nigris albo marginatis, striga apicali nigra; posticæ cinereæ.

Reddish fawn-colour. Palpi about twice longer than the breadth of the head. Antennæ much shorter than the fore wings. Fore wings with a black oblique transverse line near the base, bordered

with white on the outer side; a second black line about the middle, more oblique than the first line and in the opposite direction, bordered with white on the inner side; a black apical longitudinal streak. Hind wings cinereous. Length of the body 3 lines; of the wings 8 lines.

b. Sydney. From Mr. Lamberts' collection.

39. GRACILARIA? CONFECTELLA.

Cuprea; abdomen cinereum, fasciculis duobus apicalibus radiatis; alæ anticæ angustæ, squamis micantibus cyaneis viridibus et purpureis; posticæ cinereæ.

Cupreous. Abdomen cinereous, long, with two apical diverging fan-shaped tufts. Wings with an extremely long fringe. Fore wings narrow, with numerous blue, green and purple glittering scales. Hind wings cinereous, extremely narrow. Length of the body 3 lines; of the wings 7 lines.

a. Moreton Bay. From Mr. Diggles' collection.

40. GRACILARIA DELICATULELLA.

Nivea; alæ anticæ angustæ, fimbria longissima, strigis tribus costalibus obliquis cinereis, la 2a que connexis; gutta postica fusca, linea marginali cinerea.

Pure white. Palpi smooth, short, slender. Antennæ little more than half the length of the fore wings. Wings with a very long fringe. Fore wings narrow, with three oblique cinereous costal streaks; first and second streaks approximate, connected towards the disk; third extending nearly to a brown dot, which is approximate to the interior angle; marginal line cinereous. Hind wings extremely narrow. Length of the body $1\frac{1}{2}$ line; of the wings 4 lines.

a. Moreton Bay. From Mr. Diggles' collection.

New Zealand.

41. GRACILARIA FRONTELLA.

Nivea; frons latissima; palpi capitis latitudine paullo longiores; tarsi æneo fasciati; alæ anticæ vitta postica bis incisa strigulam exteriorē emittente apicibusque æneis; posticæ rub-æneæ.

Pure white. Front very broad. Palpi smooth, slender, a little longer than the breadth of the head; third joint setiform, as long as the second. Antennæ a little shorter than the fore wings. Tarsi with æneous bands. Fore wings narrow; an æneous stripe along the interior border, with two notches on its fore side, and emitting a short exterior streak to the disk; tips æneous; under side and hind wings dull æneous. Length of the body 4 lines; of the wings 10 lines.

a. New Zealand. Presented by Col. Bolton.

42. GRACILARIA ARENOSELLA.

Fœm. *Pallide cinereo-cervina; antennæ longæ; alæ anticæ angustæ, acutæ, fusco conspersæ, gutta ante media discali fusca; posticæ cinereæ.*

Female. Pale cinereous fawn-colour, very slender. Antennæ long, shorter than the fore wings. Abdomen extending for its whole length beyond the hind wings. Legs long, slender. Wings with a very long fringe. Fore wings narrow, acute, thinly and very minutely brown-speckled; a small, brown dot in the disk at one-third of the length. Hind wings cinereous, extremely narrow. Length of the body 3 lines; of the wings 8 lines.

a—c. New Zealand. Presented by Col. Bolton.

Genus 2. EUSPILOPTERYX.

Euspilopteryx, *St.*—*Cosmopteryx*, *Hb.*—*Ornix*, *Tr.*—*Gracilaria*, *Zl.*

1. EUSPILOPTERYX PHASIANIPENNELLA.

phasianipennella, *Hb.*

a, b. England. From Mr. Wing's collection.

c. England.

2. EUSPILOPTERYX QUADRUPELLA.

quadruplella, *Zl.*

3. EUSPILOPTERYX QUADRISIGNELLA.

quadrisignella, *Zl.*

4. **EUSPILOPTERYX AUROGUTTELLA.**

auroguttella, *St.*—lacertella, *Zl.*

a—*i.* England. From Mr. Wing's collection.

5. **EUSPILOPTERYX OMISSELLA.**

omissella, *Sta.*

a—*f.* England. From Mr. Wing's collection.

g, h. England.

6. **EUSPILOPTERYX ONONIDIS.**

ononidis, *Zl.*—ononiella, *Dp*—moniliella, *Tgstr.*—argentipunctella, *Sta.*

7. **EUSPILOPTERYX IMPERIELLA.**

imperiella, *Mn.*

8. **EUSPILOPTERYX SCALARIELLA.**

scalariella, *Zl.*

9. **EUSPILOPTERYX CUPEDIELLA.**

cupediella, *H.-S.*

10. **EUSPILOPTERYX PAVONIELLA.**

pavoniella (*Metzn.*), *Zl.*

11. **EUSPILOPTERYX KOLLARIELLA.**

Kollariella, *F.-R.*, *Zl.*

a. England. From Mr. Bouchard's collection.

12. **EUSPILOPTERYX GRADATELLA.**

gradatella, *H.-S.*

Genus 3. **CORISCIMUM.**

Coriscium, *Zl.*—Elachista, *Dp.*—Gracilaria, *Zl.*, *olim.*

1. CORISCIMUM BRONGNIARDELLUM.

Brongniardellum, *F.*—*substriga*, *Hw.*—*Curtisella*, *Dp.*—*querce-*
tellum, *Zl.*
—*c.* England.

2. CORISCIMUM OUCULIPENNELLUM.

Oculipennellum, *Hb.*—*cinerea*, *Hw.*—*alaudella*, *Dp.*—*ligustri-*
nellum, *Zl.*
—*d.* England. From Mr. Bouchard's collection.
—*e.* England. From Mr. Wing's collection.
—*g.* England.
—*k.* Germany. From M. Heminghoffen's collection.
—*(Pupa).* Germany. From M. Heminghoffen's collection.

3. CORISCIMUM SULPHURELLUM.

Sulphurellum, *Hw.*—*leucapennella*, *Hw.*—*citrinellum*, *Zl.*
—*d.* England. Presented by E. Shepherd, Esq.
—*e.* England. From Mr. Bouchard's collection.
—*f.* England. From Mr. Rogers' collection.
—*n.* England.

Hindostan.

4. CORISCIMUM ORIENTALE.

Orientale, *Sta.*
Balcutta.

Genus 4. ORNIX.

Ornix, *Tr.*—*Tichotripis*, *Hb.*—*Œcophora*, *Dp.*

1. ORNIX AMPLIATELLA.

Ampliatella, *Wck.*

2. ORNIX TORQUILLELLA.

Torquillella, *Zl.*

a, b. England. From Mr. Wing's collection.

8. ORNIX SCOTICELLA.

scoticella, *Sta.*

a. England.

4. ORNIX ANGULIFERELLA.

anguliferella, *Zl.*

5. ORNIX FINITIMELLA.

finitimella, *Zl.*

6. ORNIX AVELLANELLA.

avellanella, *Sta.*—meleagripennella, *Sta.*

a—e. England. From Mr. Wing's collection.

f—i. England.

7. ORNIX ANGLICELLA.

anglicella, *Sta.*

a—e. England. From Mr. Wing's collection.

f. England. From Mr. Bouchard's collection.

g—p. England.

8. ORNIX SCUTULATELLA.

scutulatella, *Sta.*

9. ORNIX BETULÆ.

betulæ, *Sta.*

a. England. From Mr. Wing's collection.

10. ORNIX CANELLA.

canella, *Tgstr.*

11. ORNIX DEVONIELLA.

Devoniella, *Sta.*

12. ORNIX POLYGRAMMELLA.

polygrammella, *Wck.*

13. ORNIX LOGANELLA.

Loganella, *Sta.*

a. England. From Mr. Bouchard's collection.

14. ORNIX GUTTEA.

guttea, *Hw.*—guttiferella, *Dp.*

a, b. England. From Mr. Wing's collection.

c—i. England.

15. ORNIX PFAFFENZELLERI.

Pfaffenzelleri, *Fy.*

16. ORNIX CÆLATELLA.

cælatella, *Zl.*

17. ORNIX INTERRUPTELLA.

interruptella, *Ztt.*

18. ORNIX CAUDULATELLA.

caudulatella, *Zl.*

North America.

19. ORNIX TREPIDELLA.

trepidella, *Clms.*

United States.

20. ORNIX FESTINELLA.

festinella, *Clms.*

United States.

21. ORNIX CRATÆGIFOLIELLA.

cratægifoliella, *Clms.*

United States.

Hindostan.

22. ORNIX ? ALBIFRONS.

albifrons, *Sta.*

Calcutta.

Fam. 8. COLEOPHORIDÆ.

Coleophoridæ, *Sta.*

Genus 1. COLEOPHORA.

Coleophora, Zl.—*Porrectaria*, Hw.—*Haloptilia*, Hb.—*Eupista*, E.
Metallosetia, St.—*Danaophila*, Ct.—*Ornix*, Dp.—*Phutella*,
Costa.

1. COLEOPHORA JUNCICOLELLA.

juncicolella, Sta.—*infantilella*, H.-S.

2. COLEOPHORA LARICELLA.

laricella, Hb.—*laricinella*, Blum.—*argyropennella*, Tr.

a. England. From Mr. Wing's collection.

b—f. England.

3. COLEOPHORA BADIIPENNELLA.

badiipennella, F.-R., Dp.

a—e. England. From Mr. Wing's collection.

f—o. England.

4. COLEOPHORA MILVIPENNIS.

milvipennis, Zl.

5. COLEOPHORA MINUSCULA.

minuscule, H.-S.

6. COLEOPHORA UNIPUNCTELLA.

unipunctella, F.-R., Zl.

7. COLEOPHORA LIMOSIPENNELLA.

limosipennella, Dp.

8. COLEOPHORA OCHRIPENNELLA.

ochripennella, Zl.—*limosipennella*, Schlg.

9. COLEOPHORA CORNUTA.

cornuta, Fy.

10. COLEOPHORA LITHARGYBINELLA.

lithargyrinella, *Zl.*—solitariella, *H.-S.*

11. COLEOPHORA OLIVACEELLA.

olivaceella, *Sta.*

12. COLEOPHORA SOLITARIELLA.

solitariella, *Zl.*

f. England. From Mr. Foxcroft's collection.

13. COLEOPHORA FLAVIPENNELLA.

flavipennella, *H.-S.*

14. COLEOPHORA LUTIPENNELLA.

lutipennella, *Zl.*—lutarea, *Sta.*

f. England. From Mr. Wing's collection.

n. England. From Mr. Bouchard's collection.

a. England.

15. COLEOPHORA ALBISQUAMELLA.

albisquamella, *H.-S.*

16. COLEOPHORA FUSCEDINELLA.

fuscedinella, *Zl.*—coracipennella, *Lienig.*

d. England. From Mr. Wing's collection.

n. England.

17. COLEOPHORA BINDERELLA.

binderella, *Kollar*—lusciniæpennella, *Zl. olim.*

18. COLEOPHORA VIMINETELLA.

viminetella, *Zl.*—orbitella, *H.-S.*

m. England. From Mr. Wing's collection.

n. England.

19. *COLEOPHORA SICCIFOLIA*.

siccifolia, *Sta.*

20. *COLEOPHORA DEVIELLA*.

deviella, *Zl.*

21. *COLEOPHORA GRYPHIPENNELLA*.

gryhipennella, *Bouché*—*lusciniæpennella*, *Zl.*—*flavipennella*, *Dp.*
—*serratella*, *St.*

a. England.

b. Europe. From M. Becker's collection.

22. *COLEOPHORA NIGRICELLA*.

nigricella, *St.*—*coracipennella*, *Zl.*

a—g. England. From Mr. Wing's collection.

h—r. England. From Mr. Bouchard's collection.

s—w. England.

x, y. Europe. From M. Becker's collection.

23. *COLEOPHORA ORBITELLA*.

orbitella, *Zl.*

24. *COLEOPHORA VITISELLA*.

vitisella, *Gregson.*

25. *COLEOPHORA LEDI*.

Ledi, *Sta.*

26. *COLEOPHORA PARIPENNELLA*.

paripennella, *F.-R., Zl.*

a—n. England.

27. *COLEOPHORA FUSCOCUPRELLA*.

fuscocuprella, *H.-S.*—*fuscociliella*, *Sta.*—*æratella*, *Sta.*

28. *COLEOPHORA ALBITARSELLA*.

albitarsella, *Zl.*

a—d. England. From Mr. Bouchard's collection.

e, f. England.

29. COLEOPHORA ALCYONIPENNELLA.

alcyonipennella, Kollar—*trifolii*, St.

b. England. From Mr. Wing's collection.
England. From Mr. Bouchard's collection.
England.

30. COLEOPHORA CUPRARIELLA.

cuprariella, Zl.

31. COLEOPHORA FRISCHELLA.

frischella, L.—*trifolii*, Ct.

-g. England. From Mr. Wing's collection.
i. England.

32. COLEOPHORA FUSCICORNIS.

fuscicornis, Zl.

33. COLEOPHORA DEAURATELLA.

auratella, Lienig.

b. England. From Mr. Wing's collection.
d. England. From Mr. Bouchard's collection.
-g. England.

34. COLEOPHORA FABRICIELLA.

fabriciella, Villers—*spissicornis*, Hw.—*Mayrella*, Zl.—*lusciniæ-*
pennella, Ev.—*trochilipennella*, Costa.

-c. England. From Mr. Wing's collection.

35. COLEOPHORA HIERONELLA.

hieronella, Zl.—*Mayrella*, Zl.

36. COLEOPHORA CHALCOGRAMMELLA.

chalcogrammella, Zl.

-g. England. From Mr. Bouchard's collection.

37. *COLEOPHORA HEMEROBIELLA*.*hemerobiella*, *Scp.*—*anseripennella*, *Hb.**a*—*c*. England.38. *COLEOPHORA MURINELLA*.*murinella*, *Tgstr.*39. *COLEOPHORA ANATIPENNELLA*.*anatipennella*, *Hb.*—*tiliella*, *Schr.*—*albidella*, *H.-S.**a*—*d*. England. From Mr. Wing's collection.*e*. England. From Mr. Bouchard's collection.*f*—*m*. England.*n, o*. Europe. From M. Becker's collection.40. *COLEOPHORA IBIPENNELLA*.*ibipennella*, *Heyden*, *Zl.**a*—*f*. England. Presented by F. Bond, Esq.*g*. (Pupa cases). England. Presented by F. Bond, Esq.41. *COLEOPHORA PALLIATELLA*.*palliatella*, *Zincken*—*palliipennella*, *Tr.**a, b*. England. From Mr. Bouchard's collection.*c*—*g*. England.*h*. (Pupa case). England. From Mr. Bouchard's collection.42. *COLEOPHORA COARCTELLA*.*coarctella*, *Std.*43. *COLEOPHORA CURRUCIPENNELLA*.*currucipennella*, *F.-R.*, *Zl.*—*ornatipennella*, *Dgl.**a*. England. From Mr. Bouchard's collection.*b*. (Pupa cases). England. From Mr. Bouchard's collection.

44. COLEOPHORA ZELLERIELLA.

Zelleriella, *Hnm.*

45. COLEOPHORA NEMORUM.

nemorum, *Hnm.*

46. COLEOPHORA INCANELLA.

incanella, *Tgstr.*

47. COLEOPHORA SERRATULELLA.

serratulella, *H.-S.*

48. COLEOPHORA SOLIDAGINELLA.

Solidaginella, *Std.*

49. COLEOPHORA STRUELLA.

struella, *Std.*

50. COLEOPHORA AURICELLA.

auricella, *Bosc, F.*

51. COLEOPHORA VIRGATELLA.

virgatella, *Zl.*—auricella, *Zl. olim.*

52. COLEOPHORA SERENELLA.

serenella, *Dp.*

a, b. Europe. From M. Becker's collection.

53. COLEOPHORA CORONILLÆ.

coronillæ, *Zl.*—gallipennella, *Tr.*—coronillella, *H.-S.*

54. COLEOPHORA GALLIPENNELLA.

gallipennella, *Hb.*

a, b. Europe. From M. Becker's collection.

55. COLEOPHORA VULNERARIÆ.

vulnerariæ, *Zl.*—icterella, *Dp.*

56. COLEOPHORA ALBICOSTA.

albicosta, *Hw.*

a—*i.* England. Presented by F. Bond, Esq.

j, *k.* England. From Mr. Wing's collection.

l. England.

57. COLEOPHORA SEMICINEREA.

semicinerea, *Std.*

58. COLEOPHORA BILINEELLA.

bilineella, *H.-S.*

59. COLEOPHORA PYRRHULIPENNELLA.

pyrrhulipennella, *Tischer, Zl.*

a. England.

60. COLEOPHORA DITELLA.

ditella, *Zl.*

61. COLEOPHORA PARTITELLA.

partitella, *Zl.*

62. COLEOPHORA VIBICIGERELLA.

vibicigerella, *Zl.*

63. COLEOPHORA ASTRAGALELLA.

astragalella, *F.-R., Zl.*

64. COLEOPHORA COLUTELLA.

colutella, *F.*

65. COLEOPHORA FUSCOCILIELLA.

fuscociliella, *F.-R., Zl.*

66. COLEOPHORA CONGERIELLA.

congeriella, *Std.*

67. COLEOPHORA VICINELLA.

vicinella, *F.-R., Zl.*

68. COLEOPHORA DEFESSELLA.

defessella, *H.-S.*

69. COLEOPHORA MEDICAGINIS.

medicaginis, *Sta.*

70. COLEOPHORA SOLENELLA.

solenella, *Std.*

71. COLEOPHORA CONSPICUELLA.

conspicueLLa, *Mann., Zl.*—*e.* England. From Mr. Bouchard's collection.

(Pupa cases). England. From Mr. Bouchard's collection.

72. COLEOPHORA SPUMOSELLA.

pumosella, *Std.*

73. COLEOPHORA CŒLEBIPENNELLA.

cœlebipennella, *Tischer, Zl.*—gallipennella, *Tr.*

74. COLEOPHORA CROCINELLA.

rocinella, *Tgstr.*

75. COLEOPHORA LUGDUNIELLA.

ugduniella, *Sta.*

76. COLEOPHORA VIBICELLA.

vibicella, *Hb.*—vibicinella, *Dp.*—craceella, *A. S. E. F. iv. lxviii.*, *b.* England. From Mr. Bouchard's collection.—*g.* England.

77. COLEOPHORA 'STRAMENTELLA.

stramentella, *Zl.*—cauariella, *H.-S.*

78. COLEOPHORA VALESIANELLA.

valesianella, *Heyden, Zl.*

79. COLEOPHORA ARGYRELLA.

argyrella, *H.-S.*

80. COLEOPHORA LIXELLA.

lixella, *Zl.*—ornatipennella, *Zl. olim.*—ornatea, *Hw.*

a. England. From Mr. Wing's collection.

b-f. England. From Mr. Bouchard's collection.

g-k. England. Presented by R. M'Lachlan, Esq.

81. COLEOPHORA ORNATIPENNELLA.

ornatipennella, *Hb.*—vinetella? *Schr.*—ornatea? *Hw.*

a. Europe. From M. Becker's collection.

82. COLEOPHORA OCHREA.

ochrea, *Hw.*—argentipennella, *Dp.*—hapsella, *Zl.*

a-c. England. From Mr. Wing's collection.

d. England. From Mr. Bouchard's collection.

e-g. England.

83. COLEOPHORA VULPECULA.

vulpecula, *Heyden, Zl.*

84. COLEOPHORA BINOTAPENNELLA.

binotapennella, *F.-R., Dp.*—binotatella, *Zl.*

a-h. England. From Mr. Bouchard's collection.

i. England. From Mr. Wing's collection.

j, k. Europe. From M. Becker's collection.

85. COLEOPHORA SQUALOBELLA.

squalorella, *Heyden, Zl.*

86. COLEOPHORA BALLOTELLA.

ballotella, *F.-R.*

b. Europe. From M. Becker's collection.

d. Germany. From M. Heminghoffen's collection.

87. COLEOPHORA WOCKEELLA.

wockeella, *Zl.*—conspicuellla, *Bruand.*

—l. England. From Mr. Rogers' collection.

88. COLEOPHORA ONOPORDIELLA.

onopordiella, *Mann, Zl.*

89. COLEOPHORA LEUCAPENNELLA.

leucapennella, *Hb.*

90. COLEOPHORA ALBIFUSCELLA.

albifuscella, *Zl.*—leucapennella, *Zl. olim.*

91. COLEOPHORA MARGINATELLA.

marginatella, *H.-S.*

92. COLEOPHORA CREPIDINELLA.

crepidinella, *Zl.*

93. COLEOPHORA SATURATELLA.

saturatella, *Sta.*

—h. England. From Mr. Bouchard's collection.

—l. England.

—(Pupa case). England. From Mr. Bouchard's collection.

94. *COLEOPHORA DISCORDELLA*.*discordella*, *Zl.**a—f.* England. From Mr. Stevens' collection.*g, h.* England. From Mr. Wing's collection.*i, k.* England.*l.* (Pupa cases). England.95. *COLEOPHORA GENISTÆ*.*genistæ*, *Sta.*96. *COLEOPHORA BILINEATELLA*.*bilineatella*, *Zl.*97. *COLEOPHORA ONOBRYCHIELLA*.*onobrychiella*, *F.-R., Zl.*98. *COLEOPHORA LUTATIELLA*.*lutatiella*, *Std.*99. *COLEOPHORA NIVEICOSTELLA*.*niveicostella*, *F.-R., Zl.**a.* England. From Mr. Wing's collection.100. *COLEOPHORA ALBICOSTELLA*.*albicostella*, *F.-R., Dp.*—*albimarginella*, *H.-S.*101. *COLEOPHORA TRIFARIELLA*.*trifariella*, *Zl.*102. *COLEOPHORA FLAVIELLA*.*flaviella*, *Mn.*103. *COLEOPHORA ORIOLELLA*.*oriolella*, *F.-R., Zl.*

104. COLEOPHORA LATICOSTELLA.
laticostella, *Mn.*
105. COLEOPHORA FRINGILLELLA.
fringillella, *F.-R., Zl.*
106. COLEOPHORA NUBIVAGELLA.
nubivagella, *Zl.*
107. COLEOPHORA RECTILINEELLA.
rectilineella, *F.-R., Zl.*
108. COLEOPHORA TRACTELLA.
tractella, *Heyden, Zl.*
109. COLEOPHORA SAPONARIELLA.
saponariella, *Heeger, Zl.*
110. COLEOPHORA FRETELLA.
fretella, *Zl.*—pabulella, *Zl. olim.*
111. COLEOPHORA STRIOLATELLA.
striolatella, *Zl.*
112. COLEOPHORA BISERIATELLA.
biseriata, *Std.*
113. COLEOPHORA VESTALELLA.
vestalella, *Std.*
114. COLEOPHORA ONOSMELLA.
onosmella, *Brahm*—pennella, *W. V.*—struthionipennella, *Hb.*

a—d. England. From Mr. Bouchard's collection.

e. England. From Mr. Wing's collection.

f—i. England.

j. (Pupa cases). England.

115. COLEOPHORA INFLATÆ.

inflatæ, *Sta.*

116. COLEOPHORA CHAMÆDRYELLA.

chamædryella, *Sta.*

117. COLEOPHORA STRIATIPENNELLA.

striatipennella, *Nylander, Tengstrom.*

118. COLEOPHORA THERINELLA.

therinella, *Tengstrom—trochilella, Dp.*

a. England. From Mr. Wing's collection.

b, c. England. Presented by F. Bond, Esq.

d. (Pupa case). England. Presented by F. Bond, Esq.

119. COLEOPHORA TROGLODYTELLA.

troglodytella, *F.-R., Dp.—Inulæ, Dgl.*

a—c. England. From Mr. King's collection.

d. England. From Mr. Bouchard's collection.

120. COLEOPHORA LINEOLEA.

lineolea, *Hw.—crocogrammos, Zl.—balloticolella, Bruand.*

a—d. England. From Mr. Bouchard's collection.

e—g. England. From Mr. Wing's collection.

h—k. England.

121. COLEOPHORA NUTANTELLA.

nutantella, *Muchlig et Fy.*

122. COLEOPHORA APICELLA.

apicella, *Sta.*

123. COLEOPHORA DERIVATELLA.

derivatella, *Zl.*

124. COLEOPHORA LINEARIELLA.

lineariella, *F.-R.*, *Zl.*—*longestriatella*, *F.-R. olim.*, *Dp.*

125. COLEOPHORA DRYMIDIS.

drymidis, *Mn.*

126. COLEOPHORA PRÆCURSELLA.

præcursella, *Zl.*

127. COLEOPHORA OBTECTELLA.

obtectella, *Zl.*

128. COLEOPHORA DIANTHI.

dianthi, *H.-S.*

129. COLEOPHORA SUCCURSELLA.

succursella, *H.-S.*

130. COLEOPHORA SILENELLA.

silenella, *H.-S.*

131. COLEOPHORA ODORARIELLA.

odorariella, *Machlig et Fy.*

132. COLEOPHORA CICONIELLA.

ciconiella, *H.-S.*

133. COLEOPHORA MILLEFOLII.

millefolii, *Zl.*

134. COLEOPHORA DIRECTELLA.

directella, *Zl.*

135. COLEOPHORA GNAPHALII.

Gnaphalii, *Zl.*

136. COLEOPHORA AREFACTELLA.

arefactella, *Std.*

137. COLEOPHORA PUNCTIPENNELLA.

punctipennella, *Nylander, Tgstr.*

138. COLEOPHORA MOTACILLELLA.

motacillella, *F.-R., Zl.*

139. COLEOPHORA OBSCENELLA.

obscenella, *H.-S.*

140. COLEOPHORA ARGENTULA.

argentula, *Zl.*—cothurnella, *F.-R., Dp.*

a, b. England. From Mr. Cooke's collection.

141. COLEOPHORA GRANULATELLA.

granulatella, *Zl.*

142. COLEOPHORA ALBICANS.

albicans, *Zl.*

143. COLEOPHORA VIRGAUREÆ.

Virgaureæ, *Sta.*—albicans, *Frey.*

a—c. England. From Mr. Turner's collection.

144. COLEOPHORA FULVOSQUAMELLA.

fulvosquamella, *H.-S.*

145. COLEOPHORA SQUAMOSELLA.

squamosella, *Sta.*

146. COLEOPHORA PUNCTULATELLA.

punctulatella, *Heyden, Zl.*

147. *COLEOPHORA OTITÆ.*

Otitæ, *Zl.*—*galbulipennella*, *Zl. olim.*

148. *COLEOPHORA ANNULATELLA.*

annulatella, *Nylander*, *Tengstrom*—*laripennella*, *Ztt.*
a—g. England. From Mr. Wing's collection.

149. *COLEOPHORA VERSURELLA.*

versurella, *Zl.*

150. *COLEOPHORA FLAVAGINELLA.*

flavaginella, *Lienig.*

151. *COLEOPHORA SALINELLA.*

salinella, *Sta.*

a—d. England. From Mr. Rogers' collection.

152. *COLEOPHORA ARTEMISICOLELLA.*

artemisicolella, *Bruand*—*albicans*, *H.-S.*

153. *COLEOPHORA TÆNIIPENNELLA.*

tæniipennella, *H.-S.*

154. *COLEOPHORA OTIDIPENNELLA.*

otidipennella, *H.-S.*

a. Europe. From M. Becker's collection.

155. *COLEOPHORA MURINIPENNELLA.*

murinipennella, *F.-R., Dp.*—*otidipennella*, *Zl. olim.*

a—c. England. From Mr. Bouchard's collection.

d—m. England.

156. *COLEOPHORA ALGIDELLA.*

algidella, *Std.*

157. *COLEOPHORA CÆSPITITIELLA*.*cæspititiella*, *Zl.**a—c.* England. From Mr. Wing's collection.*d—g.* England.158. *COLEOPHORA ALTICOLELLA*.*alticolella*, *Zl.*159. *COLEOPHORA LACUNICOLELLA*.*lacunicolella*, *Mann, Dp.*—*sternipennella*, *Ztt.*160. *COLEOPHORA LASSELLA*.*lassella*, *Std.*161. *COLEOPHORA CRUCINELLA*.*crucinella*, *Tgstr.*162. *COLEOPHORA CHALYBÆELLA*.*chalybæella*, *Cta.*163. *COLEOPHORA PHLOMIDELLA*.*phlomidella*, *Chrtph.*164. *COLEOPHORA GYPSOPHILÆ*.*gypsophilæ*, *Chrtph.*

North America.

165. *COLEOPHORA CORUSCIPENNELLA*.*coruscipennella*, *Clms.*

United States.

166. *COLEOPHORA LATICORNELLA*.*laticornella*, *Clms.*

United States.

167. COLEOPHORA CÆNOSIPENNELLA.

cænosipennella, *Clms.*

United States.

168. COLEOPHORA INFUSCATELLA.

infuscatella, *Clms.*

United States.

169. COLEOPHORA CRETATICOSTELLA.

cretaticostella, *Clms.*

United States.

Madeira.

170. COLEOPHORA DESERTORUM.

desertorum, *Wltn.*

Northern Deserta.

Genus 2. GONIODOMA.

Goniodoma, *Zl.*—Ornix, *F.-R.*—Coleophora, *Dp.*

1. GONIODOMA AUROGUTTELLA.

auroguttella, *F.-R.*

a, b. England. From Mr. Bouchard's collection.

c—f. England. From Mr. Rogers' collection.

g—j. England. Presented by F. Bond, Esq.

Fam. 9. ELACHISTIDÆ.

Elachistidæ, *Sta.*

Genus 1. BEDELLIA.

Bedellia, *Sta.*

1. BEDELLIA SOMNULENTELLA.

somnulentella, *Zl.*—orpheela, *Sta.*

a—h. England. From Mr. Wing's collection.

North America.

2. BEDELLIA? STAINTONIELLA.

Staintoniella, *Clms.*

United States.

Genus 2. STATHMOPODA.

Stathmopoda, *Sta.*

1. STATHMOPODA PEDELLA.

pedella, *L.*—cylindrella, *F.*—cylindricus, *F.*—angustipennella, *Hb.*
—alucitella, *W. V.*

2. STATHMOPODA GUERINII.

Guerinii, *Sta.*

Genus 3. COSMOPTERYX.

Cosmopteryx, *Hb.*

1. COSMOPTERYX DRURELLA.

Drurella, *F.*—eximia, *Hw.**a—f.* England. From Mr. Wing's collection.*g—i.* England. From Mr. Bouchard's collection.*j—r.* England.

2. COSMOPTERYX ZEIGLERELLA.

Zeiglerella, *Hb.*—Druryella, *Zl.*

3. COSMOPTERYX SCHMIDIELLA.

Schmidiella, *Frey.*

4. COSMOPTERYX SCRIBAIELLA.

Scribaiella, *Zl.*

5. COSMOPTERYX LIENIGELLA.

Lienigella, *Zl.**a—e.* England. Presented by F. Bond, Esq.

North America.

5. COSMOPTERYX? GEMMIFERELLA.

gemmiferella, *Clms.*

United States.

Genus 4. PYRODERCES.

Pyroderces, *Zl.*

1. PYRODERCES ARGYROGRAMMOS.

argyrogrammos, *Zl.*

Genus 5. BATRACHEDRA.

Batrachedra, *Sta.*

1. BATRACHEDRA PRÆANGUSTA.

præangusta, *Hw.*—turdipennella, *Tr.**a.* England. From Mr. Bouchard's collection.*b—n.* England.

2. BATRACHEDRA PINICOLELLA.

pinicolella, *Dp.*—pinariella, *H.-S.**a, b.* England.

3. BATRACHEDRA LEDERERIELLA.

Ledereriella, *Zl.*

Genus 6. ŒNOPHILA.

Œnophila, *Sta.*

1. ŒNOPHILA W-FLAVUM.

W-flavum, *Hw.**a—c.* England. From Mr. Wing's collection.*d—l.* England.

Genus 7. CHAULIODUS.

Chauliodus, *Tr.*—Lophonotus, *St.*

1. CHAULIODUS ILLIGERELLUS.

Illigerellus, *Hb.*—falciformis, *Hw.*

a. England. From Mr. Bouchard's collection.

2. CHAULIODUS SCURELLUS.

scurellus, *H.-S.*

3. CHAULIODUS PONTIFICELLUS.

pontificellus, *Hb.*

a, b. Europe. From M. Becker's collection.

4. CHAULIODUS INSECURELLUS.

insecurellus, *Sta.*—Illigerellus, *Sta.*—dentosellus, *H.-S.*

a. England.

5. CHAULIODUS CHÆROPHYELLELLUS.

chærophyllellus, *Goeze*—testaceella, *Hb.*—testacella, *Dp.*—fasciolellus, *St.*

a—k. England. From Mr. Wing's collection.

l, m. England.

6. CHAULIODUS RASCHKIELLUS.

Raschkiellus, *Fisch.*

a. England. From Mr. Bouchard's collection.

Genus 8. LAVERNA.

Laverna, *Ct.*

1. LAVERNA IDÆI.

Idæi, *Zl.*

2. LAVERNA FESTIVELLA.

festivella, *W. V.*

3. LAVERNA LASPEYRELLA.

Laspeyrella, *Hb.*—Laspeyresiella, *H.-S.*

4. LAVERNA CONTURBATELLA.

conturbatella, *Hb.*—elegantella, *Ztt.*

a—h. England. From Mr. Bouchard's collection.

5. LAVERNA PROPINQUELLA.

propinquella, *Sta.*

a. England. From Mr. Bouchard's collection.

b—d. England.

6. LAVERNA LACTEELLA.

lacteella, *St.*—gibbiferella, *Zl.*

a—c. England.

7. LAVERNA RASCHKIELLA.

Raschkiella, *Zl.*—pilipennella? *Ztt.*

8. LAVERNA MISCELLA.

miscella, *W. V.*—Staintoni, *Sircom.*

9. LAVERNA TESSELLATELLA.

tessellatella, *H.-S.*

10. LAVERNA STEPHENSI.

Stephensi, *Sta.*

11. LAVERNA EPILOBIELLA.

epilobiella, *W. V.*—fulvescens, *Hw.*—nebulella, *St.*

a—g. England. From Mr. Wing's collection.

k—n. England.

o, p. Europe. From M. Becker's collection.

12. LAVERNA OCHRACELLA.

ochraceella, *Ct.*

a—i. England. From Mr. Wing's collection.

j, k. England. From Mr. Bouchard's collection.

13. LAVERNA PHRAGMITELLA.

phragmitella, *Sta.*

a—g. England. From Mr. Bouchard's collection.

h—j. England. From Mr. King's collection.

14. LAVERNA DECORELLA.

decorella, *St.—divisella, H.-S.*

a, b. England. From Mr. Wing's collection.

c—f. England.

15. LAVERNA SUBSTRIGELLA.

substrigella, *Hw.—sturnipennella, Tr.—permutatella, H.-S.*

a—d. England. From Mr. Wing's collection.

16. LAVERNA VANELLA.

vanella, *Frey.*

17. LAVERNA VINOLENTELLA.

vinolentella, *H.-S.*

18. LAVERNA ATRA.

atra, *Hw.—Hellerella, Dp.—putripennella, Zl.*

a—f. England. From Mr. Wing's collection.

g—i. England. From Mr. Chant's collection.

j—n. England.

19. LAVERNA RHAMNIELLA.

rhamniella, *Zl.—lophyrella, Dgl.*

a, b. England.

20. LAVERNA STANTONI.

Staintoni, *Zl.*

a—f. England. From Mr. Wing's collection.

g—i. England. From Mr. Bouchard's collection.

j—n. England.

21. LAVERNA LUCIFERELLA.

luciferella, *Clms.*
United States.

22. LAVERNA ELOISELLA

Eloisella, *Clms.*
United States.

Madeira.

23. LAVERNA VITTATA.

vittata, *Wltn.*
Madeira.

24. LAVERNA ? DECOLORELLA.

decolorella, *Wltn.*
Madeira.

Genus 9. CHRYSOCLISTA.

Chrysoclista, *Sta.*

1. CHRYSOCLISTA LINNEELLA.

Linneella, *Clk.*—Liunaeella, *Zl.*—Schæfferella, *Dp.*
a, b. England. From Mr. Wing's collection,
c-r. England.

2. CHRYSOCLISTA BIMACULELLA.

bimaculella, *Hw.*—Linneella, *mas.*, *F.-R.*

3. CHRYSOCLISTA SCHRANKELLA.

Schrankella, *Hb.*—locupletella, *F.-R.*
a. England. From Mr. Wing's collection.
b, c. England.

4. CHRYSOCLISTA QUADRILOBELLA.

quadrilobella, *H.-S.*

5. *CHRYSOCLISTA CHRYSARGYRELLA*.*chrysargyrella*, *H.-S.*6. *CHRYSOCLISTA AURIFRONTELLA*.*aurifrontella*, *Hb.*—*flavicaput*, *Hw.**a—g.* England. From Mr. Wing's collection.*h—i.* England.Genus 10. *HELIODINES*.*Heliodines*, *Sta.*1. *HELIODINES ROESSELLA*.*Roesella*, *L.**a, b.* England.Genus 11. *ANYBIA*.*Anybia*, *Sta.*1. *ANYBIA LANGIELLA*.*Langiella*, *Hb.*—*niveipunctella*, *Sta.**a.* England.2. *ANYBIA FULICELLA*.*fulicella*, *H.-S.*—*Langiella*, *H.-S.*Genus 12. *OCHROMOLOPIS*.*Ochromolopis*, *Hb.*1. *OCHROMOLOPIS ICTELLA*.*ictella*, *Hb.*—*ictipennella*, *Tr.*Genus 13. *ASYCHNA*.*Asychna*, *Sta.*1. *ASYCHNA MODESTELLA*.*modestella*, *Dp.*—*splendidella*, *Zl.**a—e.* England. From Mr. Wing's collection.*f, g.* England.

2. *ASYCHNA ERATELLA*.

æratella, *Zl.*

a. England. From Mr. Stevens' collection.

b. England. Presented by Miss Stanley.

c—h. England.

3. *ASYCHNA TERMINELLA*.

terminella, *Hp. et Wtw.*

a. England. From Mr. Bouchard's collection.

Madeira.

4. *ASYCHNA INSULARIS*.

insularis, *Wltn.*

Madeira.

Genus 14. *CHRYSOCORYS*.

Chrysocorys, *Ct.*

1. *CHRYSOCORYS FESTALIELLA*.

festaliella, *Hb.*—*scissella*, *Hw.*—*angustipennella*, *Ct.*—*Montandonella*, *Dp.*—*scissella*? *Hb.*

a, b. England. From Mr. Chant's collection.

c. England. From Mr. Stevens' collection.

f. England. From Mr. Wing's collection.

g—n. England.

o, p. Europe. From M. Becker's collection.

North America.

2. *CHRYSOCORYS ERYTHRIELLA*.

erythriella, *Clms.*

United States.

Genus 15. *STAGMATOPHORA*.

Stagmatophora, *H.-S.*

1. STAGMATOPHORA ISABELLELLA.

Isabellella, *Costa*—opulentella, *H.-S.*

2. STAGMATOPHORA DOHRNII.

Dohrnii, *Zl.*

3. STAGMATOPHORA HEYDENIELLA.

Heydeniella, *F.-R.*

4. STAGMATOPHORA POMPOSELLA.

pomposella, *Zl.*

5. STAGMATOPHORA GRABOWIELLA.

Grabowiella, *Std.*

6. STAGMATOPHORA SUMPTUOSELLA.

sumptuosella, *Ld.*

7. STAGMATOPHORA SERRATELLA.

serratella, *Tr.*

8. STAGMATOPHORA ALBIAPICELLA.

albiapicella, *H.-S.*

9. STAGMATOPHORA PHONGITELLA.

phongitella, *Hb.*

Genus 16. ANTISPILA.

Antispila, *Hb.*

1. ANTISPILA PFEIFFERELLA.

Pfeifferella, *Hb.*—quadriguttella, *Hw.*

a, b. England. From Mr. Chant's collection.

c—k. England.

2. ANTISPILA TREITSCHKIELLA.

Treitschkiella, *F.-R.*—Treitschkeella, *Sta.**a, b.* England.

North America.

3. ANTISPILA NYSÆFOLIELLA.

nysæfoliella, *Clms.*

United States.

4. ANTISPILA CORNIFOLIELLA.

cornifoliella, *Clms.*

United States.

5. ANTISPILA VITICORDIFOLIELLA.

viticordifoliella, *Clms.*

United States.

6. ANTISPILA ISABELLA.

Isabella, *Clms.*

United States.

Genus 17. STEPHENSIA.

Stephensia, *Sta.*

1. STEPHENSIA BRUNNICHIELLA.

Brunnicbiella, *L.*—magnificella, *Zl.*—Stephensella, *Dgl.**a.* England.

Genus 18. ELACHISTA.

Elachista, *Sta.*

1. ELACHISTA QUADRELLA.

quadrella, *Hb.*—quadripunctella, *Hb.*—tetrastictella, *Zl. olim.*—
guttella, *Reutti.*

2. ELACHISTA TETRAGONELLA.

tetragonella, *H.-S.*

3. ELACHISTA TRAPEZIELLA.

trapeziella, *Sta.*—guttifera, *Hw.**a.* England. From Mr. Bouchard's collection.

23. ELACHISTA PULLELLA.

pullella, *F.-R.*

24. ELACHISTA INCERTELLA.

incertella, *Fy.*

25. ELACHISTA EXACTELLA.

exactella, *H.-S.*—parvulella, *H.-S.*—consortella, *Fy. olim.*

26. ELACHISTA NIGRELLA.

nigrella, *Hw.**a*—*c.* England. From Mr. Wing's collection.*d*—*o.* England.

27. ELACHISTA GREGSONI.

Gregsoni, *Sta.*

28. ELACHISTA STABILELLA.

stabilella, *Sta.*

29. ELACHISTA HERRICHII.

Herrichii, *Fy.*—nigrella, *H.-S.*

30. ELACHISTA ELEGANS.

elegans, *Fy.*

31. ELACHISTA BEDELLELLA.

Bedellella, *Sircom*—truncatella, *Zl.*—nigrella, *H.-S.* (Text).*a.* England.

32. ELACHISTA EXTENSELLA.

extensella, *Sta.*

33. ELACHISTA PULLICOMELLA.

pullicomella, *Zl.*—rectifasciella, *Sta.*—furvicomella, *Sta.* (Plate).

34. ELACHISTA HUMILIS.

humilis, *Zl.*—occultella, *Dgl.*

35. ELACHISTA OBSCURELLA.

obscura, *Sta.*—pulchella, *Sta.*

a—*h.* England. From Mr. Wing's collection.

i—*n.* England.

36. ELACHISTA ARUNDINELLA.

arundinella, *F.-R.*—arundinis, *H.-S.*

37. ELACHISTA CONSORTELLA.

consortella, *Logan.*

38. ELACHISTA REUTTIANA.

Reuttiana, *Fy.*—obscura, *H.-S.*

39. ELACHISTA INCANELLA.

incanella, *F.-R.*

40. ELACHISTA GRISELLA.

griseella, *F.-R.*

41. ELACHISTA DISPOSITELLA.

dispositella (*Mn.*), *Sta.*

42. ELACHISTA BIFASCIELLA.

bifasciella, *Tr.*—binella, *Zl. olim.*

43. ELACHISTA CINGILELLA.

cingilella, *F.-R.*

44. ELACHISTA MELANCHOLICA.

melancholica, *Fy.*

45. ELACHISTA MEGERLELLA.

Megerlella, *Sta.*

a, *b.* England. Presented by E. Shepherd, Esq.

c, *d.* England. From Mr. Chant's collection.

e—*n.* England.

46. ELACHISTA ADSCITELLA.

adscitella, *Sta.*—abruptella, *Sta.*

47. ELACHISTA CINCTELLA.

cinctella, *Zl.*

48. ELACHISTA REVINCTELLA.

revinctella, *Zl.*—vinctella, *Zl. olim.*

49. ELACHISTA TÆNIATELLA.

tæniatella (*Zl.*), *Sta.*—gangabella, *Fy.*

50. ELACHISTA CHRYSODESMELLA.

chrysodesmella, *Zl.*

51. ELACHISTA GANGABELLA.

gangabella, *F.-R., Zl.*—albinella, *Sta. olim.*

a—n. England. From Mr. Wing's collection.

o—q. England.

52. ELACHISTA ZONARIELLA.

zonariella, *Tgstr.*—bisulcella, *Zl.*

a. England.

53. ELACHISTA OBLIQUELLA.

obliquella (*Edleston*), *Sta.*

54. ELACHISTA SERRICORNIS.

serricornis (*Logan*), *Sta.*

55. ELACHISTA CERUSELLA.

cerusella, *Hb.*—cerussella, *Zl.*

a, b. England. From Mr. King's collection.

c—f. England.

56. ELACHISTA UTONELLA.

utonella, *Fy.*

57. ELACHISTA CONTAMINATELLA.

contaminatella, *Zl.*

58. ELACHISTA RHYNCHOSPORELLA.

rhyrchosporella, *Sta.*—uliginella, *H.-S. olim.*—albidella (*Nylander*), *Tgstr.*
r—e. England.

59. ELACHISTA PALUDUM.

paludum, *Sta., Fy.*

60. ELACHISTA CARICIS.

caricis, *Sta.*

61. ELACHISTA ELEOCHARIELLA.

eleochariella, *Sta.*

62. ELACHISTA BIATOMELLA.

biatomella, *Sta.*

63. ELACHISTA DISERTELLA.

disertella, *F.-R.*—anserinella, *H.-S.* (Plate)—pollinariella, *Sta.*
r. England.

64. ELACHISTA POLLINARIELLA.

pollinariella, *H.-S.*

r. England.

65. ELACHISTA GROSSEPUNCTELLA.

grossepunctella, *H.-S.*

66. ELACHISTA COLLITELLA.

collitella, *F.-R.*

67. ELACHISTA SUBOCELLEA.

subocellea, *St.*—collitella, *Sta. olim.*

68. ELACHISTA LUGDUNENSIS.

lugdunensis, *Fy.*

69. ELACHISTA RUDECTELLA.

rudectella, *F.-R.*

70. ELACHISTA SQUAMOSELLA.
squamosella (F.-R.), H.-S.

71. ELACHISTA CONSTITELLA.
constitella (Zl.), Sta.

72. ELACHISTA RUFOCINEREA.
rufocinerea, Hw.—*floslactis*, Hw.
a, b. England. From Mr. Chant's collection.
c—q. England.

73. ELACHISTA ANSERINELLA.
anserinella, F.-R.

74. ELACHISTA DISEMIELLA.
disemiella, Zl.

75. ELACHISTA TRIATOMEA.
triatomea, Hw.—*dispilella*, Sta. *olim.*

76. ELACHISTA DISPILELLA.
dispilella, Zl.

77. ELACHISTA DISTIGMATELLA.
distigmatella, Fy.

78. ELACHISTA DISPUNCTELLA.
dispunctella, F.-R.

79. ELACHISTA TRISERIATELLA.
triseriatella, Sta.

80. ELACHISTA PIPERATELLA.
piperatella, Std.

81. ELACHISTA NITIDULELLA.
nitidulella, F.-R.

82. ELACHISTA ARGENTELLA.

argentella, *Clk.*—cygnipennella, *Hb.*—cygnella, *Tr.*—cygnipennis,
Hw.—semialbella, *St.*

a, b. England. From Mr. Bouchard's collection.

c—i. England.

j—k. Europe. From M. Heminghoffen's collection.

83. ELACHISTA POLLUTELLA.

pollutella, *F.-R.*

84. ELACHISTA FESTUCICOLELLA.

festucicolella, *Zl.*

85. ELACHISTA OCHREELLA.

ochreella, *Sta.*—nebulella, *Sta. olim.*—subalbidella, *Schlager.*

86. ELACHISTA FUSCOOCHREELLA.

fuscoochreella, *Fy.*

87. ELACHISTA MUCHLIGIELLA.

Muchligiella, *Fy.*

North America.

88. ELACHISTA PRÆMATURELLA.

præmaturella, *Clms.*

United States.

89. ELACHISTA ILLECTELLA.

illectella, *Clms.*

United States.

90. ELACHISTA MACULOSELLA.

maculosella, *Clms.*

United States.

91. ELACHISTA MADARELLA.

madarella, *Clms.*

United States.

South America.

92. ELACHISTA COFEKILLA.

cofeolla, *Lacerda*.

Bahia.

Australia.

93. ELACHISTA LATIVITTELLA.

Mas. Cuprea; caput hirsutum; antennæ subcrenulatæ; abdomen cinereum; alæ anticæ apice rotundatæ, vitta lata postice cuprea; posticæ cinereæ.

Male. Cupreous. Head clothed with short erect hairs. Antennæ indistinctly crenulated, much shorter than the fore wings. Abdomen cinereous. Fore wings moderately broad, rounded at the tips, with a broad cupreous stripe, which is nearer to the interior border than to the costa, and occupies the whole of the exterior border and of the fringe. Hind wings cinereous, with a very long fringe. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Sydney. From Mr. Lambert's collection.

New Zealand.

94. ELACHISTA SUBPAVONELLA.

Fœm. Argenteo-albida; palpi brevissimi, dense fimbriati; alæ anticæ longæ, angustæ, subacutæ, vitta costali lata cuprea et lineolis tribus obliquis intersecta, lineola 3a postice dilatata guttam nigram includente, linea marginali cuprea; posticæ cinereæ.

Female. Silvery whitish. Palpi very short, broadly and thickly fringed. Antennæ much shorter than the fore wings. Abdomen long. Wings long, narrow. Fore wings slightly acute, with a broad costal cupreous stripe, which is intersected by three oblique white lines; third line subapical, dilated hindward, containing a black dot; marginal line cupreous; exterior border much curved. Hind wings cinereous. Length of the body 3 lines; of the wings 8 lines.

a. New Zealand. Presented by Dr. Sinclair.

b. New Zealand. Presented by Col. Bolton.

Genus 19. TISCHERIA.

Tischeria, *Zl.*—*Elachista*, *Tr.*—*Haploptilia*, *Hb.*

1. TISCHERIA COMPLANELLA.

complanella, *Hb.*—*comparella*, *H.-S.*—*fulvescens*, *St.*

a, b. England. From Mr. Chant's collection.

c—n. England.

2. TISCHERIA RICCIARDELLA.

ricciardella, *Costa.*

3. TISCHERIA MARGINEA.

marginata, *Hw.*—*emyella*, *Dp.*

a—e. England.

4. TISCHERIA GAUNACELLA.

gaunacella, *F.-R., Dp.*

5. TISCHERIA ANGUSTICOLLELLA.

angusticollella, *Heyden, Dp.*

6. TISCHERIA DODONÆA.

dodonæa, *Sta.*

North America.

7. TISCHERIA MALIFOLIELLA.

malifoliella, *Clms.*

United States.

8. TISCHERIA SOLIDAGONIFOLIELLA.

solidagonifoliella, *Clms.*

United States.

9. TISCHERIA ZELLERIELLA.

Zelleriella, *Clms.*

United States.

10. **TISCHERIA CITRINIPENNELLA.***citrinipennella*, *Clms.*

United States

Genus 20. **STILBOSIS.***Stilbosis*, *Clms.*1. **STILBOSIS TESQUELLA.***tesquella*, *Clms.*

United States.

Genus 21. **ASPIDISCA.***Aspidisca*, *Clms.*1. **ASPIDISCA SPLENDORIFERELLA.***splendoriferella*, *Clms.*

United States.

Genus 22. **PARECTOPA.***Parectopa*, *Clms.*1. **PARECTOPA LESPEDEZÆFOLIELLA.***lespedezæfoliella*, *Clms.*

United States.

Genus 23. **ATKINSONIA.***Atkinsonia*, *Sta.*1. **ATKINSONIA CLERODENDRONELLA.***Clerodendronella*, *Atkn.*

Calcutta.

Fam. 10. **LITHOCOLLETIDÆ.***Lithocolletidæ*, *Sta.*Genus 1. **LITHOCOLLETIS.***Lithocolletis*, *Hb.*—*Elachista*, *Tr.*—*Argyromiges*, *St.*—*Ornix*,
Bché.

1. LITHOCOLLETIS ROBORIS,

roboris, *Zl.*—roborifoliella, *Dp.*—roborella, *Sta.*

—*d.* England. From Mr. Bouchard's collection.

—*f.* Germany. From M. Heminghoffen's collection.

2. LITHOCOLLETIS HORTELLA.

hortella, *F.*—saporitella, *Dp.*—Kuhlweiniella, *Zl.*

—*b.* England.

—*f.* Germany. From M. Heminghoffen's collection.

3. LITHOCOLLETIS AMYOTELLA.

amyotella, *Dp.*—Mulleriella, *Zl.*

—*k.* England. From Mr. Bouchard's collection.

4. LITHOCOLLETIS SCITULELLA.

scitulella, *F.-R., Zl.*

5. LITHOCOLLETIS PARISIELLA.

parisiella, *Wck.*

6. LITHOCOLLETIS ILICIFOLIELLA.

ilicifoliella, *Zl.*

7. LITHOCOLLETIS ENDRYELLA.

endryella, *Mn.*

8. LITHOCOLLETIS DISTENTELLA.

distentella, *F.-R., Zl.*

9. LITHOCOLLETIS DELITELLA.

delitella, *F.-R., Zl.*

10. LITHOCOLLETIS ABRASELLA.

abrasella, *F.-R., Zl.*

11. LITHOCOLLETIS CRAMERELLA.

Cramerella, *F.*

a—c. England. From Mr. Chant's collection.

d—l. England.

m—o. Germany. From M. Heminghoffen's collection.

12. LITHOCOLLETIS HEEGERIELLA.

Heegeriella, *Zl.*

a—c. England.

13. LITHOCOLLETIS TENELLA.

tenella, *Zl.*

a. Germany. From M. Heminghoffen's collection.

14. LITHOCOLLETIS ALNIELLA.

alnifoliella? *Hb.*—Cramerella? *Dp.*—Rajella, *Zl.*—alniella, *Tischer,*
Zl.

a. England. From Mr. Bouchard's collection.

b—h. England.

15. LITHOCOLLETIS ALPINA.

alpina, *Fy.*

16. LITHOCOLLETIS STRIGULATELLA.

strigulatella, *Zl.*—rajella, *Zl.*

17. LITHOCOLLETIS LANTANELLA.

lantanella, *Schr.*—elatella, *Zl.*

a. England. From Mr. Bouchard's collection.

18. LITHOCOLLETIS JUNONIELLA.

Junoniella, *Zl.*—vacciniella, *Sta.*

19. LITHOCOLLETIS CYDONIELLA.

cydoniella, *Fy.*

20. LITHOCOLLETIS POMIFOLIELLA.

cydoniella, *W. V.*—*pomifoliella*, *Tischer, Zl.*

a—l. England. From Mr. Bouchard's collection.

m—o. England.

p, q. Europe. From M. Becker's collection.

21. LITHOCOLLETIS OXYACANTHÆ.

oxyacanthæ, *Fy.*

22. LITHOCOLLETIS SPINICOLELLA.

spinicolella, *Sta.*—*pruni*, *Fy.*—*pruniella*, *H.-S.*—*pomonella*, *var.*
spinicolella, *Zl.*—*deflexella*, *Sta.*

a—e. England. From Mr. Bouchard's collection.

23. LITHOCOLLETIS CERASICOLELLA.

cerasicolella, *H.-S.*

24. LITHOCOLLETIS SORBI.

Sorbi, *Fy.*—*sorbifoliella*, *H.-S.*—*pomonella*, *H.-S.*

25. LITHOCOLLETIS TORMINELLA.

torminella, *Fy.*

26. LITHOCOLLETIS FAGINELLA.

faginella, *Zl.*—*fagifoliella*, *Sircom*—*pomonella*, *Nicelli*—*phego-*
phagella, *H.-S.*—*fagicolella*, *H.-S.*—*securiferella*, *Sta.*

a, b. England. From Mr. Bouchard's collection.

27. LITHOCOLLETIS CARPINICOLELLA.

carpinicolella, *Sta.*—*ilicifoliella*, *Sta.*

a, b. England.

28. LITHOCOLLETIS CORBYLI.

coryli, *Nicelli.*

a. England. From Mr. Bouchard's collection.

b. England.

29. LITHOCOLLETIS DUBITELLA.

dubitella, *H.-S.*—spinicolella, *H.-S.*

30. LITHOCOLLETIS VIMINETORUM.

viminetorum, *Sta.*—viminetella, *H.-S.*

31. LITHOCOLLETIS SALICICOLELLA.

salicicolella, *Sircom*—capraella, *Nicelli*—capreella, *Fy.*

a. England. From Mr. Bouchard's collection.

b, c. England. From Mr. Chant's collection.

d—h. England.

32. LITHOCOLLETIS SPINOLELLA.

spinoella, *Dp.*—hilarella, *Ztt.*

a—e. England.

33. LITHOCOLLETIS CAVELLA.

cavella, *Zl.*—Schreberella, *Zl.*

34. LITHOCOLLETIS MANNII.

Mannii, *Zl.*

35. LITHOCOLLETIS ULMIFOLIELLA.

ulmifoliella, *Hb.*

a. England. From Mr. Chant's collection.

b—d. England. From Mr. Bouchard's collection.

e—h. England.

36. LITHOCOLLETIS QUINQUEGUTTELLA.

quinqueguttella, *Sta.*

a, b. England. From Mr. Bouchard's collection.

37. LITHOCOLLETIS NIGRESCENTELLA.

nigrescentella, *Logan.*

38. LITHOCOLLETIS IRRADIELLA.

diella, *Sta.*

b. England. From Mr. Bouchard's collection.

39. LITHOCOLLETIS QUERCIFOLIELLA.

quercifoliella, *F.-R., Zl.*

c. England. Presented by F. Bond, Esq.

m. England.

40. LITHOCOLLETIS MESSANIELLA.

messaniella, *Zl.*—Blancardella, *Wtw.*

d. England. From Mr. Bouchard's collection.

p. England.

r. Europe. From M. Becker's collection.

u. Germany. From M. Heminghoffen's collection.

41. LITHOCOLLETIS HESPERIELLA.

hesperiella, *Std.*

42. LITHOCOLLETIS LEUCOGRAPHELLA.

leucographella, *Zl.*

43. LITHOCOLLETIS BELOTELLA.

belotella, *Std.*

44. LITHOCOLLETIS SUBERIFOLIELLA.

suberifoliella, *Zl.*

45. LITHOCOLLETIS BETULÆ.

betulæ, *Zl.*

b. Germany. From M. Heminghoffen's collection.

46. LITHOCOLLETIS CORYLIFOLIELLA.

corylifoliella, *Hw.*

-l. England.

47. LITHOCOLLETIS STANTONIELLA.

stantoniella, *Dgl.*

48. LITHOCOLLETIS QUINQUENOTELLA.

quinquenotella, *H.-S.*

49. LITHOCOLLETIS FRAXINELLA.

fraxinella, *Mn., Zl.*

50. LITHOCOLLETIS CALEDONIELLA.

caledoniella, *Sta.*

a. England. From Mr. Bouchard's collection.

51. LITHOCOLLETIS SCOPARIELLA.

scopariella, *Tischer, Zl.*

52. LITHOCOLLETIS ULICICOLELLA.

ulicicolella, *Sta.*

53. LITHOCOLLETIS SALICTELLA.

salictella, *Zl.*

54. LITHOCOLLETIS CONNEXELLA.

connexella, *Zl.*

55. LITHOCOLLETIS VIMINELLA.

viminella, *Sta.*

a, b. England.

56. LITHOCOLLETIS SCABIOSELLA.

scabiosella, *Dgl.*

a. England. From Mr. Bouchard's collection.

b. England.

57. LITHOCOLLETIS EMBERIZÆPENNELLA.

emberizæpennella, *Bché.*—Pezzoletta, *H.-S.*

—*d.* England. From Mr. Bouchard's collection.
England.

Europe. From M. Becker's collection.

A. Germany. From M. Heminghoffen's collection.

58. LITHOCOLLETIS FROLICHIELLA.

frolichiella, *Zl.*

—*e.* England. From Mr. Bouchard's collection.

59. LITHOCOLLETIS DUNNINGIELLA.

dunningiella, *Sta.*

60. LITHOCOLLETIS STETTINENSIS.

stettinensis, *Nicelli*—Stettinella, *H.-S.*

England. From Mr. Bouchard's collection.

61. LITHOCOLLETIS LAUTELLA.

lautella, *Hdn., Zl.*

—*d.* England.

Germany. From M. Heminghoffen's collection.

62. LITHOCOLLETIS INSIGNITELLA.

insignitella, *Zl.*

63. LITHOCOLLETIS BREMIELLA.

bremiella, *Fy.*

England.

64. LITHOCOLLETIS KLEEMANNELLA.

kleemannella, *F.*

b. Europe. From M. Becker's collection.

65. LITHOCOLLETIS SCHREBERELLA.

Schreberella, *F.*—ulminella, *Zl.*

a—*c.* England. From Mr. Foxcroft's collection.

d—*j.* England.

k, l. Europe. From M. Becker's collection.

m, n. Germany. From M. Heminghoffen's collection.

o. (Pupæ). Germany. From M. Heminghoffen's collection.

66. LITHOCOLLETIS NICELLII.

Nicellii, *Sta.*—tristrigella? *Nicelli*—avellanella, *Schr.*

a—*h.* England. From Mr. Bouchard's collection.

67. LITHOCOLLETIS TRISTRIGELLA.

tristrigella, *Hw.*—strigifasciella, *Sta.*

a—*f.* England. From Mr. Bouchard's collection.

g—*m.* England.

68. LITHOCOLLETIS TRIFASCIELLA.

trifasciella, *Hw.*—Heydeniella, *Zl.*

a. England. From Mr. Bouchard's collection.

b—*c.* England.

69. LITHOCOLLETIS SILVELLA.

silvella, *Hw.*—acerifoliella, *F.-R., Zl.*—acernella, *Dp.*

a, b. Europe. From M. Becker's collection.

70. LITHOCOLLETIS HELIANTHEMELLA.

helianthemella, *H.-S.*

71. LITHOCOLLETIS CHICLANELLA.

Chiclanella, *Std.*

72. LITHOCOLLETIS PASTORELLA.

pastorella, *Hdn., Zl.*—populifoliella, *var., Tr.*

73. LITHOCOLLETIS COMPARELLA.

comparella, *F.-R.*, *Zl.*

74. LITHOCOLLETIS TREMULÆ.

tremulæ, *Zl.*

75. LITHOCOLLETIS POPULIFOLIELLA.

populifoliella, *Tr.*

76. LITHOCOLLETIS APPARELLA.

apparella, *H.-S.*

77. LITHOCOLLETIS AGILELLA.

agilella, *Zl.*

78. LITHOCOLLETIS ACACIELLA.

acaciella, *Mn.*, *Zl.*

79. LITHOCOLLETIS SYLVELLA.

sylvella, *Linn.**a—j.* England. From Mr. Bouchard's collection.*k—o.* England.

North America.

80. LITHOCOLLETIS FITCHELLA.

Fitchella, *Clms.*—quercifoliella, *Fitch.*

United States.

81. LITHOCOLLETIS TUBIFERELLA.

tubiferella, *Clms.*

United States.

82. LITHOCOLLETIS CRATÆGELLA.

cratægella, *Clms.*

United States.

83. LITHOCOLLETIS LUCIDICOSTELLA.

lucidicostella, *Clms.*

United States.

84. LITHOCOLLETIS ROBINIELLA.

robinella, *Clms.*

United States.

85. LITHOCOLLETIS DESMODIELLA.

desmodiella, *Clms.*

United States.

86. LITHOCOLLETIS ÆRIFERELLA.

æriferella, *Clms.*

United States.

87. LITHOCOLLETIS BASISTRIGELLA.

basistrigella, *Clms.*

United States.

88. LITHOCOLLETIS ARGENTIFIMBRIELLA.

argentifimbriella, *Clms.*

United States.

89. LITHOCOLLETIS OBSCURICOSTELLA.

obscuricostella, *Clms.*

United States.

90. LITHOCOLLETIS OSTRYÆFOLIELLA.

ostryæfoliella, *Clms.*

United States.

91. LITHOCOLLETIS LUCETIELLA.

lucetiella, *Clms.*

United States.

92. LITHOCOLLETIS OBSTRICTELLA.

obstrictella, *Clms.*

United States.

93. LITHOCOLLETIS CARYÆFOLIELLA.

caryæfoliella, *Clms.*

United States.

94. LITHOCOLLETIS ACERIELLA.

aceriella, *Clms.*

United States.

95. LITHOCOLLETIS GUTTIFINITELLA.

guttifinitella, *Clms.*

United States.

96. LITHOCOLLETIS CRATÆGELLA.

cratægella, *Clms.*

United States.

97. LITHOCOLLETIS HAMADRYADELLA.

hamadryadella, *Clms.*

United States.

98. LITHOCOLLETIS ARGENTINOTELLA.

argentinotella, *Clms.*

United States.

Hindustan.

99. LITHOCOLLETIS BAUHINIÆ.

Bauhiniæ, *Sta.*

Calcutta.

Australia.

100. LITHOCOLLETIS LALAGELLA.

Lalagella, *Nwm.*

Australia.

Fam. 11. LYONETIDÆ.

Lyonetidæ, *Sta.*

Genus 1. LYONETIA.

Lyonetia, *Hb.*—Elachista, *Tr.*—Heribeia, *St.*—Argyromyges, *St.*

1. LYONETIA CLERCKELLA.

Clerckella, *L.*—argyrodactyla, *W. V.*—malella, *Schr.*—malifoliella, *Hb.*—cerasifoliella? *Hb.*—aereella, *Tr.*—unipunctella, *St.*—autumpella? *St.**a.* England. From Mr. Bouchard's collection.*b—e.* England.*f, g.* Germany. From M. Heminghoffen's collection.

2. LYONETIA LEDI.

ledi, *Wck.*

3. LYONETIA PRUNIFOLIELLA.

prunifoliella, *Hb.*—Clerckella, *Hb.*, var. padifoliella, *Hb.*—acerifoliella, *Ct.*, var. albella, *Ev.**a, b.* England. From Mr. Bouchard's collection.*c, d.* England.

4. LYONETIA PULVERULENTELLA.

pulverulentella, *F.-R.*, *Zl.*

5. LYONETIA FRIGIDARIELLA.

frigidariella, *H.-S.*

Genus 2. PHYLLOCNISTIS.

Phyllocnistis, *Zl.*—Opostega, *F.-R.*

1. PHYLLOCNISTIS SUFFUSELLA.

suffusella, *Zl.*—tremulella, *F.-R.*

a, b. England.

2. PHYLLOCNISTIS SALIGNA.

saligna, *Zl.*—salicifoliella, *Dp.*

a. England.

North America.

3. PHYLLOCNISTIS VITEGENELLA.

vitegenella, *Clms.*

United States.

Genus 3. CEMIOSTOMA.

Cemiosstoma, *Zl.*—Leucoptera, *Hb.*—Heribeia, *Hw.*—Elachista, *Tr.*—Argyromyges, *St.*

1. CEMIOSTOMA SUSINELLA.

susinella, *H.-S.*

2. CEMIOSTOMA SPARTIFOLIELLA.

spartifoliella, *Hb.*—punctaurella, *Hw.*

a, b. England. From Mr. Chant's collection.

c—k. England.

l, m. Germany. From M. Heminghoffen's collection.

n. (Pupa). Germany. From M. Heminghoffen's collection.

3. CEMIOSTOMA WAILLESSELLA.

Waillesella, *Sta.*

4. CEMIOSTOMA LABURNELLA.

laburnella, *Sta.*

a—e. England.

5. CEMIOSTOMA ZANCLÆELLA.

Zanclæella, *Zl.*

6. CEMIOSTOMA LOTELLA.

lotella, *Sta.*

7. CEMIOSTOMA SCITELLA.

scitella, *Mtzn., Zl.*—Clerckella, *St.*

a—d. England. From Mr. Chant's collection.

e—p. England.

q—s. Germany. From M. Heminghoffen's collection.

t. (Pupa). Germany. From M. Heminghoffen's collection.

8. CEMIOSTOMA LUSTRATELLA.

lustratella, *H.-S.*

Genus 4. OPOSTEGA.

Opostega, *Zl.*—Leucoptera, *Hb.*—Elachista, *Tr.*—Apheloseitia, *St.*

1. OPOSTEGA SALACIELLA.

salaciella, *Tr.*

a—d. England.

2. OPOSTEGA SPATULELLA.

spatulella, *H.-S.*

3. OPOSTEGA MENTHINELLA.

menthinella, *Mn.*

4. OPOSTEGA AURITALIS.

auritalis, *Hb.*

a, b. England.

5. OPOSTEGA CREPUSCULELLA.

crepusculella, *F.-R.*—auritella, *St.*

a. England. From Mr. Bouchard's collection.

6. OPOSTEGA RELIQUELLA.

reliquella, *Zl.*

Genus 5. PHYLLOBROSTIS.

Phyllobrostis, *Std.*

1. PHYLLOBROSTIS DAPHNEELLA.

Daphneella, *Std.*

Genus 6. BUCCULATRIX.

Bucculatrix, *Zl.*—*Elachista*, *Tr.*—*Lyonetia*, *Zl. olim.*—*Lithocolletis*, *Zl. olim.*—*Ceroclastis*, *Zl.*

1. BUCCULATRIX IMITATELLA.

imitatella, *H.-S.*

2. BUCCULATRIX CRISTATELLA.

cristatella, *F.-R., Zl.*

a—c. England. From Mr. Bouchard's collection.

3. BUCCULATRIX NIGRICOMELLA.

nigricomella, *Zl.*—*orichalcella*? *Fv.*

4. BUCCULATRIX CIDARELLA.

cidarella, *Tischer.*

a—c. England. From Mr. Bouchard's collection.

5. BUCCULATRIX GRACILELLA.

gracilella, *Fy.*

6. BUCCULATRIX AURIMACULELLA.

aurimaculella, *Sta.*

7. BUCCULATRIX ARGENTISIGNELLA.

argentisignella, *H.-S.*

8. BUCCULATRIX THORACELLA.

thoracella, *Wenner, Thb.*—*hippocastanella*, *Dp.*—*hippocastani*, *Zl.*

a. England. Presented by J. C. Dale, Esq.

b. England. From Mr. Bouchard's collection.

9. BUCCULATRIX ULMELLA.

ulmella, *Mn.*, *Zl.*—Sircomella, *Sta.*—cuculipennella, *var. δ.*, *Hw.*
a—l. England.
m, n. Germany. From M. Heminghoffen's collection.
o. (Pupa). Germany. From M. Heminghoffen's collection.

10. BUCCULATRIX VETUSTELLA.

vetustella, *Sta.*
a, b. England.

11. BUCCULATRIX CRATÆGI.

cratægi, *Zl.*—cratægifoliella, *Dp.*—cuculipennella, *var. γ.*, *Hw.*
a—k. England.

12. BUCCULATRIX SCOTICELLA.

Scoticella, *H.-S.*—Demaryella, *Sta.*
a. England. From Mr. Bouchard's collection.

13. BUCCULATRIX MARITIMA.

maritima, *Sta.*
a, b. England. From Mr. Bouchard's collection.

14. BUCCULATRIX DEMARYELLA.

Demaryella, *Dp.*

15. BUCCULATRIX RHAMNIELLA.

rhamniella, *H.-S.*

16. BUCCULATRIX BOYERELLA.

Boyerella, *Dp.*—albidinella, *Zl. olim.*—cuculipennella, *p.*, *Hw.*
a. England. From Mr. Bouchard's collection.
b, c. England.
d. Germany. From M. Heminghoffen's collection.

17. BUCCULATRIX FRANGULELLA.

frangulella, *Goeze*—alnella, *Vlrs.*—rhamnifoliella, *Tr.*
-e. England.

18. BUCCULATRIX ARTEMISIÆ.

artemisiæ, *H.-S.*

19. BUCCULATRIX GNAPHALIELLA.

gnaphaliella, *Tr.*

20. BUCCULATRIX HUMILIELLA.

humiliella, *Tr.*

21. BUCCULATRIX FATIGATELLA.

fatigatella, *Hydn.*

North America.

22. BUCCULATRIX CORONATELLA.

coronatella, *Clms.*
ited States.

23. BUCCULATRIX POMIFOLIELLA.

pomifoliella, *Clms.*
ited States.

24. BUCCULATRIX AGNELLA.

agnella, *Clms.*
ited States.

Genus 7. LEUCANTHIZA.

leucanthiza, *Clms.*

1. LEUCANTHIZA AMPHICARPÆFOLIELLA.

amphicarpeæfoliella, *Clms.*
ited States.

Genus 8. CACHURA.

Mas et fœm. Corpus robustum, planum, squamosum. Caput latum. Proboscis brevis. Palpi decumbentes, breves; articulus 3us longi-conicus, 2o brevior. Antennæ glabræ, sat robustæ; articulus 1us crassus. Pedes læves, breves, validi, dilatati; tarsi postici articulis apice setulosi. Alæ anticæ angustæ, subacutæ, margine exteriori perobliquo.

Male and female. Body stout, flat, smooth, squamous. Head broad. Proboscis short. Palpi smooth, decumbent, hardly longer than half the breadth of the head; third joint elongate-conical, shorter than the second. Antennæ smooth, rather stout, very much shorter than the fore wings; first joint thick. Legs short, stout, smooth; coxæ especially dilated; spurs long; joints of the hind tarsi with small apical tufts of bristles. Wings narrow; fringes rather long. Fore wings slightly acute; costa straight; exterior border extremely oblique.

The structure of this genus is adapted for frequenting very small crevices.

1. CACHURA OBJECTELLA.

Mas et fœm. *Purpureo-cuprea; corpus subtus aurato-cinereum, alæ anticæ fascia lata erecta aurato-flava.*

Male and female. Purplish cinereous. Body beneath gilded cinereous and shining. Fore wings with a broad straight upright gilded yellow band before the middle. Length of the body $1\frac{1}{2}$ —1 line; of the wings 5 lines.

a, b. Ceylon. Presented by Dr. Templeton.

Fam. 12. NEPTICULIDÆ.

Nepticulidæ, *Sta.*

Genus 1. NEPTICULA.

Nepticula, *Hdn.*—Elachista, *Tr.*—Lyonetia, *Zl. olim.*—Microsetia, *St.*—Caloptilia, *Hb.*—Æcophora, *Klr.*

1. NEPTICULA ATRICAPITELLA.

atricapitella, Hw.—*samiatella, H.-S.*

a, b. England. From Mr. Bouchard's collection.
c—g. England.

2. NEPTICULA RUFICAPITELLA.

capitella, *Hw.*—saniatella, *Zl.*—lamprotornella, *Hdn.*
England.

3. NEPTICULA PYGMÆELLA.

pygmæella, *Hw.*

England. From Mr. Chant's collection.

England. From Mr. Bouchard's collection.

England.

4. NEPTICULA POMELLA.

pomella, *Vaughan.*

5. NEPTICULA MINUSCULELLA.

minusculella, *H.-S.*

6. NEPTICULA TRISTIS.

tristis, *Wck.*

7. NEPTICULA OXYCANTHELLA.

oxycanthella, *Sta.*

England.

8. NEPTICULA VISCERELLA.

viscerella, *Dgls., Sta.*

9. NEPTICULA AUCUPARIÆ.

aucupariæ, *Fy.*

10. NEPTICULA ANOMALELLA.

anomalyella, *Goeze*—ruficapitella, *Lewis*—centifoliella, *Wtd.*—ro-
sella? *Schr.*

England.

11. NEPTICULA TILIÆ.

tiliæ, *Fy.*

12. NEPTICULA LONICERARUM.

lonicerarum, *Fy.*

13. NEPTICULA DESPERATELLA.

desperatella, *Fy.*

14. NEPTICULA RHAMNELLA.

rhamnella, *H.-S.*

15. NEPTICULA NYLANDRIELLA.

Nylandriella, *H.-S.*

16. NEPTICULA AURELLA.

aurella, *Sta.*

a. England. From Mr. Chant's collection.

b, c. England. From Mr. Foxcroft's collection.

d-f. England.

17. NEPTICULA MARGINICOLELLA.

marginicolella, *Sta.*—aurella, *var.*, *Hw.*—aurella, *p.*, *Zl.*—centifolia, *Sta. olim.*

18. NEPTICULA GRATIOSELLA.

gratiosella, *Sta.*—aurella, *H.-S.*

a-d. England.

19. NEPTICULA LATIFASCIELLA.

latifasciella, *H.-S.*

20. NEPTICULA ALNETELLA.

alnetella, *Sta.*

21. NEPTICULA MESPILICOLELLA.

mespilicolella, *Fy.*—airella, *H.-S.*

22. NEPTICULA REGIELLA.

regiella, *H.-S.*

23. NEPTICULA CONTINUELLA.

continuella, *Sta.*

24. NEPTICULA MALELLA.

malella, *Sta.*

a. England. From Mr. Bouchard's collection.

25. NEPTICULA ANGUSTIFASCIELLA.

angustifasciella, *Sta.*

a. England. Presented by F. Bond, Esq.

b, c. England.

26. NEPTICULA RUBIVORA.

rubivora, *Wck.*

27. NEPTICULA ATRICOLLIS.

atricollis, *Sta.*

28. NEPTICULA AGRIMONIELLA.

agrimoniella, *H.-S.*

29. NEPTICULA CENTIFOLIELLA.

centifoliella, *Heyden, Zl.*

30. NEPTICULA TITYRELLA.

Tityrella, *Sta.*—basallela, *H.-S.*

a. England. From Mr. Bouchard's collection.

b. England.

31. NEPTICULA PRUNETORUM.

prunetorum, *Sta.*—perpusilella, *H.-S.*

32. NEPTICULA DIMIDIATELLA.

dimidiatella, *H.-S.*

33. NEPTICULA HUEBNERELLA.

Huebnerella, *H.-S.*

34. NEPTICULA POTERII.

Poterii, *Sta.*

35. NEPTICULA FREYERELLA.

Freyerella, *Sta.*

36. NEPTICULA PLAGICOLELLA.

plagicolella, *Sta.*

a, b. England. From Mr. Bouchard's collection.

37. NEPTICULA MYRTILLELLA.

Myrtillella, *Sta.*

38. NEPTICULA BETULICOLA.

betulicola, *Sta.*

39. NEPTICULA ACETOSÆ.

acetosæ, *Shield, Sta.*

40. NEPTICULA GLUTINOSÆ.

glutinosæ, *Sta.*

a, b. England. From Mr. Bouchard's collection.

41. NEPTICULA SPLENDIDISSIMELLA.

splendidissimella, *H.-S.*—splendidissima, *Fy.*

42. NEPTICULA TORMENTILLELLA.

tormentillella, *H.-S.*

43. NEPTICULA ÆNEOFASCIELLA.

æneofasciella, *H.-S.*—æneofasciata, *Fy.*

44. NEPTICULA ACERIS.

aceris, *Fy.*

45. NEPTICULA ARGENTIPEDELLA.

argentipedella, *Zl.*

a, b. England. From Mr. Chant's collection.

c. England.

46. NEPTICULA MICROTHERIELLA.

microtheriella, *Sta.*

. England. From Mr. Bouchard's collection.
 , c. England.

47. NEPTICULA IGNOBILELLA.

ignobilella, *Sta.*—aurella, var. β ? *Hw.*

. England. From Mr. Bouchard's collection.
 . England.

48. NEPTICULA ARCUATA.

arcuata, *Fy.*—arcuatella, *H.-S.*

49. NEPTICULA QUADRIMACULELLA.

quadrinaculella, *Boheman, H.-S.*

50. NEPTICULA LAPPONICA.

laponica, *Wck.*

51. NEPTICULA VIMINETICOLA.

vimineticola, *Fy.*

52. NEPTICULA SALICIS.

salicis, *Sta.*

. England.

53. NEPTICULA HELIANTHEMELLA.

helianthemella, *H.-S.*

54. NEPTICULA LUTEELLA.

luteella, *Sta.*

. England. From Mr. Bouchard's collection.

55. NEPTICULA FLOSLACTELLA.

floslactella, *Hw.*

a, b. England. From Mr. Bouchard's collection.

66. NEPTICULA FAGI.

fagi, *Fy.*—fagella, *H.-S.*

57. NEPTICULA TURICENSIS.

turicensis, *Fy.*—turicella, *H.-S.* (text)—ignobiliella, *H.-S.* (Pl.)

58. NEPTICULA ASSIMILELLA.

assimilella, *Mtzn.*, *Zl.*—nigricornella, *Mn.*

59. NEPTICULA QUINQUELLA.

quinquella, *Bedell.*

a, b. England.

60. NEPTICULA TRIMACULELLA.

trimaculella, *Hw.*—rufella, *Zl.*—*Var.* populella, *Fy.*, *H.-S.*

a, b. England.

61. NEPTICULA DECENTELLA.

decentella, *H.-S.*

a. Germany. From M. Heminghoffen's collection.

62. NEPTICULA SUBBIMACULATA.

subbimaculata, *Hw.*—cursoriella, *Heyden*—nigrociliella ? *St.*

a. England. From Mr. Chant's collection.

b. England. From Mr. Bouchard's collection.

c—n. England.

a. Germany. From M. Heminghoffen's collection.

63. NEPTICULA ARGYROPEZA.

argyropeza, *Zl.*—argyropezella, *Dp.*

64. NEPTICULA HEADLEYELLA.

Headleyella, *Sta.*

65. NEPTICULA WEAVERI.

Weaveri, *Dgl.*

66. NEPTICULA ARGYBOSTIGMA.

argyrostigma, *Fy.*

67. NEPTICULA INTIMELLA.

intimella, *Zl.*

68. NEPTICULA SEPTEMBRELLA.

septembrella, *Sta.*—intimella, *H.-S.*

a, b. England.

69. NEPTICULA CATHARCTICELLA.

catharcticella, *Sta.*

70. NEPTICULA TURBIDELLA.

turbidella, *H.-S.*

71. NEPTICULA SERICOPEZA.

sericopeza, *Zl.*—maryella, *Heeger, Dp.*

a, b. Europe. From M. Becker's collection.

c, d. Germany. From M. Heminghoffen's collection.

72. NEPTICULA TURBULENTELLA.

turbulentella, *Wck.*—turbidella, *H.-S.*

73. NEPTICULA APICELLA.

apicella, *Sta.*—argyropeza, *Sta.*

a, b. England.

c-f. England. From Mr. Bouchard's collection.

74. NEPTICULA CRYPTELLA.

cryptella, *Fy.*

75. NEPTICULA SUBNITIDELLA.

subnitidella, (*F.-R.*), *Zl.*

76. NEPTICULA HEMARGYRELLA.

hemargyrella, *Klr.*

77. NEPTICULA FRAGARIELLA.

fragariella, *Hdn.*

North America.

78. NEPTICULA RUBIFOLIELLA.

rubifoliella, *Clms.*

United States.

Genus 2. TRIFURCULA.

Trifurcula, *Zl.*—Lyonetia, *Zl. olim.*

1. TRIFURCULA PULVEROSELLA.

pulverosella, *Sta.*

a, b. England. From Mr. Bouchard's collection.

2. TRIFURCULA PALLIDELLA.

pallidella, *F.-R., Zl.*

3. TRIFURCULA SEROTINELLA.

serotinella, *H.-S.*

4. TRIFURCULA IMMUNDELLA.

immundella, *Zl.*

a, b. England. From Mr. Chant's collection.

c—h. England.

5. TRIFURCULA ALBIFRONTELLA.

albifrontella, *Sta.*

6. TRIFURCULA SQUAMATELLA.

squamatella, *Sta.*

a. England. From Mr. Bouchard's collection.

Tribe PTEROPHORITES.

Pterophorites, *Latr.*

Fam. 1. PTEROPHORIDÆ.

Pterophoridæ, Zl.

Genus 1. AGDISTES.

Agdistes, Hb.

1. AGDISTES FRANKENIÆ.

Frankeniæ, Zl.

2. AGDISTES MERIDIONALIS.

Meridionalis, Zl.

3. AGDISTES HEYDENII.

Heydenii, Zl.

4. AGDISTES MANICATA.

Manicata, Std.

5. AGDISTES ADACTYLA.

Adactyla, Hb.—Huebneri, Zl.

6. AGDISTES PARALIA.

Paralia, Zl.

7. AGDISTES TAMARICIS.

Tamaricis, Zl.

8. AGDISTES BENNETII.

Bennetii, Ct.

, b. England. Presented by F. Bond, Esq.

, d. England. From Mr. Stevens' collection.

—m. England. From Mr. Bouchard's collection.

n. (Pupa). England. Presented by F. Bond, Esq.

Africa.

9. AGDISTES PUSTULALIS.

Mas et fœm. Cinereo-cervina, gracilis; alæ anticæ guttis paucis
nigricantibus.

Male and female. Cinereous fawn-colour, slender. Fore wing acute, with three blackish dots in the disk; first dot at one-fourth of the length, nearer to the costa than to the interior border; second at a little before the middle; third at two-thirds of the length; second and third nearer to the interior border than to the costa. Length of the body 5—6 lines; of the wings 12—14 lines.

a—c. Cape. From M. Dregé's collection.

d—f. South Africa. Presented by Sir A. Smith.

Genus 2. PLATYPTILUS.

Platyptilus, Zl.—Cnæmidophorus, Wlgn.

1. PLATYPTILUS RHODODACTYLUS.

rhododactylus, W. V.

a, b. England. From Mr. Stephens' collection.

c—e. England.

f, g. Europe. From M. Becker's collection.

h. ———?

2. PLATYPTILUS CAPNODACTYLUS.

capnodactylus, Zl.

3. PLATYPTILUS OCHRODACTYLUS.

ochrodactylus, Hb.—pallidactyla, Hw.

a—h. England. From Mr. Stephens' collection.

i. England. From Mr. Bouchard's collection.

j—m. England. From Mr. King's collection.

n—p. England.

4. PLATYPTILUS MONODACTYLUS.

monodactylus, Hw.—isodactylus, Zl.

a, b. Ireland. From Mr. Bouchard's collection.

5. PLATYPTILUS GONODACTYLUS.

gonodactylus, W. V.—megadactyla, Hb.—Zetterstedtii, var., Zl.—tesseradactylus, Tr.—trigonodactyla, Sta.

- f. England. From Mr. Stephens' collection.
 i. England. From Mr. Chant's collection.
 k. England. From Mr. King's collection.
 n. England.
 Germany. From M. Heminghoffen's collection.

6. *PLATYPTILUS ZETTERSTEDTII*.

tridactyla? *Hb.*—*tesseradactyla*, *Ztt.*—*Zetterstedtii*, *Zl.*

7. *PLATYPTILUS NEMORALIS*.

nemoralis, *Zl.*—*Zetterstedtii*, *var.*, *H.-S.*

8. *PLATYPTILUS BOLLII*.

bollii, *Fy.*

9. *PLATYPTILUS FISCHERI*.

fischeri, *Zl.*

10. *PLATYPTILUS METZNERI*.

metzneri, *Zl.*

11. *PLATYPTILUS ACANTHODACTYLUS*.

acanthodactylus, *Hb.*—*calodactyla*, *St.*

. Germany. From M. Heminghoffen's collection.

12. *PLATYPTILUS COSMODACTYLUS*.

cosmodactylus, *Hb.*—*acanthodactylus*, *var.*, *Zl.*

. Germany. From M. Heminghoffen's collection.

Asia.

13. *PLATYPTILUS ARGYRIODACTYLUS*.

Mas. *Cupreo-ferrugineus*; *palpi articulo 3o longo lineari*; *abdomen fasciculis lateralibus nigris maculisque tribus dorsalibus albidis*; *pedes argenteo cincti, tibiis posticis nigro bifasciculatis*; *alæ anticae strigulis transversis cinereis, maculis tribus fasciisque marginali nigricantibus, fimbria alba nigro guttata.*

Male. Dark ferruginous, with a cupreous tinge. Palpi smooth; third joint long, linear. Abdomen with small black tufts along each side, and with three dorsal triangular spots. Legs silvery cinereous; tarsi and anterior tibiæ with silvery rings; hind tibiæ with a tuft of black hairs at the base of each pair of spurs, which are very long. Fore wings with minute transverse cinereous streaks, with three blackish spots, and with a blackish marginal band; first spot on the interior border at one-fourth of the length; second on the costa before the middle; third on the costa beyond two-thirds of the length; submarginal line whitish, oblique; two black squamous tufts on the interior border; fringe whitish, with subquadrate black dots. Fore plume of the hind wings widening from the base to the tip; middle plume narrower towards the tip; hind plume very narrow, with a black squamous tuft on the hind border near its tip. Length of the body 6 lines; of the wings 12 lines.

a—c. Ceylon. Presented by Dr. Templeton.

Australia.

14. PLATYPTILUS EMISSALIS.

Mas. *Cinereo-fuscescens; alæ anticæ lituris tribus discalibus fuscescentibus, macula trigona costali nigricante, gutta costali exteriori albida, strigis duabus submarginalibus nigricantibus, linea transversa submarginali albida.* Var. β .—*Alæ anticæ cervinæ, lituris minus determinatis.*

Male. Brownish, tinged with cinereous. Legs whitish cinereous. Wings rather broad. Fore wings with three small brownish marks in the disk before the middle; first mark near the costa; second and third near the interior border; third behind the first; a triangular blackish costal spot prolonged across the base of the cleft; a whitish dot on the costa adjoining the outer side of the spot; two blackish exterior streaks; first streak costal; second subcostal, much shorter than the first; a whitish transverse submarginal line intersecting the first streak, and contiguous to the outer end of the second one; marginal line black; fringe whitish. Var. β .—Fawn-colour. Fore wings with the second blackish streak obsolete. Length of the body 5—6 lines; of the wings 10—12 lines.

a, b. Sydney. From Mr. Lambert's collection.

15. *PLATYPTILUS FALCOTALIS*.

Mas. *Ferrugineus* ; *pedes albidi, tibiis tarsisque ferrugineis albido fasciatis* ; *alæ anticæ falcatæ, cinereo conspersæ, macula costali nigra trigona post media, macula costali exteriori pallide cervina, strigis duabus exterioribus nigris, linea submarginali albida transversa unidentata, lituris apud marginem interiorem tribus nigris.*

Male. Ferruginous. Tibiæ and tarsi ferruginous, with two whitish bands on each. Fore wings falcate, speckled with cinereous ; triangular black costal spot beyond two-thirds of the length, attended towards the disk ; a pale fawn-coloured costal spot adjoining the outer side of the black spot, including a black longitudinal streak, another black streak behind the first, partly bordered by an acute angle, which is formed by the submarginal transverse whitish line ; three elongated irregular blackish marks along the interior border. Length of the body 6—7 lines ; of the wings 12—14 lines.

-d. Auckland, New Zealand. From Mr. Oxley's collection.

16. *PLATYPTILUS REPLETALIS*.¹

Fœm. *Ferruginea* ; *pedes albido fasciati* ; *alæ anticæ latiusculæ, punctis costalibus strigisque obliquis posterioribus plurimis cinereis, lituris duabus costalibus fuscis, plaga costali exteriori cervina, linea submarginali transversa angulosa intus nigro ex parte marginata, spatio marginali obscure cinereo, linea marginali nigra undulata ; posticæ æneo-cinereæ.*

Female. Ferruginous, slender. Palpi porrect, lanceolate. Tibiæ and tarsi with whitish bands. Wings rather broad. Fore wings acute, with many cinereous costal points, which are oblique outward towards the disk, and are more numerous than the cinereous streaks, which are oblique inward from the middle of the breadth to the interior border ; two brown costal marks ; first mark at one-third the length ; second at two-thirds of the length, larger than the first ; a pale fawn-coloured costal patch between the second streak and a cinereous transverse zigzag submarginal line, which is partly bordered on the inner side by deep black ; space between the submarginal line and the undulating black marginal line dark cinereous ; fringe pale. *Var. β.*—Fore wings mostly whitish cinereous ; markings less distinct. Length of the body 6 lines ; of the wings 12 lines.

-α. New Zealand. Presented by Col. Bolton.

γ. New Zealand. Presented by Dr. Sinclair.

Genus 3. OXYPTILUS.

Oxyptilus, Zl.

1. OXYPTILUS KOLLARI.

Kollari, Sta.

2. OXYPTILUS TRISTIS.

tristis, Zl.

a. Germany. From M. Heminghoffen's collection.

3. OXYPTILUS DISTANS.

distans, Zl.

4. OXYPTILUS LÆTUS.

lætus, Zl.

5. OXYPTILUS PILOSELLUS.

pilosellus, Zl.—*didactyla*, Ztt.

a—h. England. From Mr. Stephens' collection.

i. England. From Mr. Bouchard's collection.

j—l. England. From Mr. King's collection.

m. England. From Mr. Chant's collection.

n. England.

o. Germany. From M. Heminghoffen's collection.

p, q. Italy. From Dr. Leach's collection.

z. ———?

6. OXYPTILUS HIERACII.

hieracii, Zl.

a, b. Germany. From M. Heminghoffen's collection.

7. OXYPTILUS ERICETORUM.

ericetorum, Zl.

8. OXYPTILUS DIDACTYLUS.

didactylus, L.—*trichodactyla*, Hb.—*brunneodactyla*, Mlr.

9. OXYPTILUS PARVIDACTYLUS.

parvidactylus, Hw.—*microdactylus*, St.—*obscurus*, Zl.

- a—g. England. From Mr. Stephens' collection.
 r—u. England. From Mr. Boucard's collection.
 w. England. Presented by E. Shepherd, Esq.
 z. England.
 y, z. Europe. From M. Becker's collection.

10. OXYPTILUS MARGINELLUS.

marginellus, Zl.

11. OXYPTILUS MILLIERIDACTYLUS.

Millieridactyla, Brd., Mlre.—Millieri, Std.

12. OXYPTILUS ALBODACTYLUS.

albodactyla, Mlre.

West Indies.

13. OXYPTILUS PUSILLIDACTYLUS.

Fœm. *Cinereo-fuscus; tarsi argenteo fasciati; alæ anticæ strigulis submarginalibus, costa margineque exteriori nigris, punctis duobus costalibus lineaque obliqua submarginali albis, fimbria basi alba.*

Allied to *O. parvidactylus*. *Female*.—Cinereous-brown. Tarsi with silvery bands. Fore wings streaked with black towards the exterior border; costa and exterior border black; two white points on the exterior part of the costa, the second near a white oblique submarginal line; fringe cinereous, white at the base. Length of the body 4 lines; of the wings 8 lines.

a. Jamaica. From Mr. Gosse's collection.

South America.

14. OXYPTILUS NANELLUS.

Fœm. *Albus; alæ perangustæ, late fimbriatæ, lituris nullis.*

Allied to *O. microdactylus*. *Female*.—White, slender. Wings very narrow, deeply fringed. Fore wings without any markings. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

Africa.

15. OXYPTILUS WAHLBERGI.

Wahlbergi, Zl.

Caffraria.

16. OXYPTILUS CAFFER.

Caffer, Zl.

Caffraria.

17. OXYPTILUS DIREPTALIS.

Cinereo-fuscus; alæ anticæ striga maculaque costalibus fascia submarginali nigricantibus, linea submarginali alba. Var.?— Pallide ochraceo-cervinus.

O. Wahlbergi, var. ?.

Allied to *O. pilosellæ*. Cinereous-brown. Fore wings with a blackish costal streak before the middle, with a blackish costal spot at three-fourths of the length, and with a blackish submarginal band, the latter bounded on the outer side by a white line, which is parallel to the exterior border; a whitish mark between the costal spot and the band. Length of the body 5 lines; of the wings 12 lines.

a. Cape. From M. Dregé's collection.

*Var. ?—*Pale ochraceous fawn-colour. This may be a distinct species.

b. Congo. Presented by Sir J. Richardson.

Asia.

18. OXYPTILUS ANISODACTYLUS.

Mas et fœm. *Pallide ochraceus; tibiæ posticæ nigricante bifasciata; alæ anticæ fasciis duabus indistinctis obscurioribus, gutta subcostali, gutta exteriori costali lineaque submarginali albidis; posticæ penicillo postico nigro fasciato.*

Male and female. Dull pale ochraceous. Hind tibiæ blackish about the base of the spurs. Fore wings with two indistinct darker bands, with a whitish subcostal dot at one-third of the length, and with a larger and more distinct whitish costal dot at two-thirds of the length; a whitish oblique submarginal line. Hind plume of

the hind wings fringed with black for one fourth of the length near the tip. Length of the body 5 lines; of the wings 10 lines.

a, b. Ceylon. From M. Nietner's collection.

Australasia.

19. OXYPTILUS IDONEALIS.

Fœm. Rufescens; alæ anticæ fasciis tribus fuscescentibus nigro subpilis, 3a marginali, punctis duobus apicem versus costalibus albis.

Allied to *O. parvidactylus*. Reddish. Fore wings with three brownish bands, on which there are some black hairs; third band extending to the exterior border, with a white shining costal point on its inner border and another near the tip of the wing. Length of the body 6 lines; of the wings 12 lines.

The specimen here described is injured, and its characters are thereby incomplete.

Sarawak, Borneo. In Mr. Saunders' collection.

Australia.

20. OXYPTILUS CINCTIPEDALIS.

Fœm. Ferrugineus, sat robustus; pedes posteriores argenteo annulati; alæ anticæ latiusculæ, lituris duabus costalibus fuscis, 1a ante media, 2a trigona cinereo marginata, lineis duabus exterioribus transversis cinereis; posticæ nigro-cinereæ, fasciculo apicali penicilli 3i nigro.

Female. Ferruginous, rather stout. Femora whitish; posterior tibiæ with four silvery rings; joints of the tarsi with silvery tips. Wings rather broad. Fore wings with two elongated brown costal marks; first mark before the middle; second triangular, beyond the middle, much larger than the first, bordered on the outer side with silvery cinereous, of which hue there are two exterior transverse lines, the second submarginal. Hind wings blackish cinereous; third plume short, with a small black squamous tuft at its tip. Length of the body 3 lines; of the wings 7 lines.

a. Moreton Bay. From Mr. Diggles' collection.

Genus 4. PTEROPHORUS.

Pterophorus, *Gff.* — *Mimæseoptilus*, *Wlgn.* — *Oidæmatophorus*,
Wlgn. — *Leioptilus*, *Wlgn.*

1. PTEROPHORUS EHRENBORGIANUS.

Ehrenbergianus, *Zl.*

Syria.

2. PTEROPHORUS PHÆODACTYLUS.

phæodactylus, *Hb.*

a—e. England. From Mr. Stephens' collection.

f, g. England. From Mr. Chant's collection.

h. England. From Mr. Turner's collection.

i—k. England. From Mr. Bouchard's collection.

l. (Pupa). England. From Mr. Bouchard's collection.

m. England.

3. PTEROPHORUS AGRORUM.

agrorum, *H.-S.* — *oxydactylus*, *Std.*

4. PTEROPHORUS MIANTODACTYLUS.

miantodactylus, *Zl.*

5. PTEROPHORUS PELIDNODACTYLUS.

pelidnodactylus, *Stein* — *microdactylus*, *Zl.*

6. PTEROPHORUS BIPUNCTIDACTYLUS.

bipunctidactyla, *Hw.* — *mictodactylus*, *var.*, *Zl.* *olim.* — *serotinus*,
Zl.

a—d. England. From Mr. Stephens' collection.

e—h. England.

i, j. England. From Mr. King's collection.

k—n. Europe. From M. Becker's collection.

o. Germany. From M. Heminghoffen's collection.

p. ——— ?

7. PTEROPHORUS LOEWII.

loewii, Zl.—Zophodactylus, Dp.

—e. England. Presented by S. Carter, Esq.

8. PTEROPHORUS ISLANDICUS.

islandicus, Std.

9. PTEROPHORUS ARIDUS.

aridus, Zl.

10. PTEROPHORUS COPRODACTYLUS.

coprodactylus, Zl.

11. PTEROPHORUS PLAGIODACTYLUS.

plagiodyctylus, F.-R., Sta.

—d. England. From Mr. Bouchard's collection.

, f. England. Presented by S. Carter, Esq.

, i. Ireland. From Mr. Bouchard's collection.

, l. Italy. From Dr. Leach's collection.

12. PTEROPHORUS GRAPHODACTYLUS.

graphodactylus, Tr.

13. PTEROPHORUS FUSCUS.

fuscus, Retz.—*fuscodactylus*, Hw.—*ptilodactyla*, Hb.

—d. England. From Mr. Stephens' collection.

, f. England. From Mr. King's collection.

, h. England. From Mr. Bouchard's collection.

—n. England.

, p. Europe. From M. Becker's collection.

, r. Germany. From M. Heminghoffen's collection.

14. PTEROPHORUS STIGMATODACTYLUS.

stigmatodactylus, Zl.

15. **PTEROPHORUS MANNII.****Mannii, Zl.**16. **PTEROPHORUS GIGANTEUS.****giganteus, Mn.**17. **PTEROPHORUS LITHODACTYLUS.****lithodactyla, Tr.—septodactyla, Tr.—lithoxylodactylus, Dp.—similidactylus, St.****a.** England. From Mr. Stephens' collection.**b—d.** England. From Mr. Bouchard's collection.**e.** England. From Mr. King's collection.18. **PTEROPHORUS PTERODACTYLUS.****pterodactylus, L.****a—g.** England. From Mr. Stephens' collection.**h—o.** England.**p, q.** Europe. From M. Becker's collection.**r, s.** Germany. From M. Heminghoffen's collection.**t—u.** Italy. From Dr. Leach's collection.19. **PTEROPHORUS PALUDICOLA.****paludicola, Wlgn.**20. **PTEROPHORUS SCARODACTYLUS.****scarodactylus, Hb.—Icarodactyla, Tr.****a.** Germany. From M. Heminghoffen's collection.21. **PTEROPHORUS LIENIGANUS.****Lieniganus, Zl.—melinodactylus, H.-S.**22. **PTEROPHORUS TEPHRADACTYLUS.****tephradactylus, Hb.****a—c.** England. From Mr. Stephens' collection.**d.** Ireland. From Mr. Bouchard's collection.**e.** England.**f, g.** Europe. From M. Becker's collection.

23. *PTEROPHORUS DISTINCTUS*.*distinctus*, *H.-S.*24. *PTEROPHORUS INULÆ*.*inulæ*, *Zl.*25. *PTEROPHORUS MICRODACTYLUS*.*microdactylus*, *Hb.*—*l.* England. From Mr. Stephens' collection.—*o.* England. From Mr. Bouchard's collection.—*r.* England., *t.* Germany. From M. Heminghoffen's collection.26. *PTEROPHORUS CARPHODACTYLUS*.*carphodactylus*, *Hb.**t.* Germany. From M. Heminghoffen's collection.27. *PTEROPHORUS CONIODACTYLUS*.*coniodactylus*, *Std.*28. *PTEROPHORUS PECTODACTYLUS*.*pectodactylus*, *Std.*29. *PTEROPHORUS OSTEOACTYLUS*.*osteodactylus*, *Zl.*—*microdactyla*, *Ztt.**a—d.* England. From Mr. Stephens' collection.30. *PTEROPHORUS BRACHYDACTYLUS*.*brachydactylus*, *Tr.*—*aëtodactylus*, *Dp.*31. *PTEROPHORUS MERISTODACTYLUS*.*meristodactylus*, *Mn.*—*tetradactylus*, *var.*, *H.-S.*

North America.**32. PTEROPHORUS PERISCELIDACTYLUS.**

periscelidactylus, *Fitch*.

New York.

33. PTEROPHORUS LOBIDACTYLUS.

lobidactylus, *Fitch*.

New York.

34. PTEROPHORUS TENUIDACTYLUS.

tenuidactylus, *Fitch*.

New York.

35. PTEROPHORUS CINERIDACTYLUS.

cineridactylus, *Fitch*.

New York.

36. PTEROPHORUS MARGINIDACTYLUS.

marginidactylus, *Fitch*.

New York.

37. PTEROPHORUS NEBULÆDACTYLUS.

nebulædactylus, *Fitch*.

New York.

38. PTEROPHORUS NÆVOSIDACTYLUS.

nævosidactylus, *Fitch*.

New York.

39. PTEROPHORUS CRETIDACTYLUS.

cretidactylus, *Fitch*.

New York.

40. PTEROPHORUS PETRODACTYLUS.

Mas. *Pallidissime fuscus; alæ anticæ fascia post media obliqua latissima, albida strigas duas nigras includente, striga 2a costam versus fusca.*

Nearly allied to *P. lithodactylus*. *Male*.—Very pale brown. Fore wings with a very broad oblique whitish band, which commences at a little beyond the middle, and includes two black streaks; first streak oblique, subapical, brown towards the costa, which it joins; second streak, short, slender, near and parallel to the terminal part of the interior border. Length of the body 6 lines; of the wings 16 lines.

Arctic America. Presented by Sir J. Richardson.

41. PTEROPHORUS HOMODACTYLUS.

Mas. *Albidus, gracillimus; antennæ subpubescentes; abdomen longissimum; alæ anticæ perangustæ, lanceolatae, lituris nullis.*

Allied to *P. osteodactylus*. *Male*.—Whitish, very slender. Antennæ very minutely pubescent. Abdomen very long. Legs very slender. Wings very narrow. Fore wings lanceolate, without any markings. Length of the body 7 lines; of the wings 4 lines.

United States. Presented by E. Doubleday, Esq.

West Indies.

42. PTEROPHORUS AGRAPHODACTYLUS.

Fœm. *Pallide testaceus; pedes albi; alæ anticæ albidæ, lineis quinque longitudinalibus pallide testaceis.*

Allied to *P. osteodactylus*. *Female*.—Pale testaceous, slender. Antennæ and legs white. Fore wings whitish; two pale testaceous longitudinal lines extending from the base of the wing; one subcostal, the other near the interior border; three other pale testaceous lines commencing in the disk at a little before half the length, one in front, the other two behind the cleft of the wing. Length of the body 7 lines; of the wings 14 lines.

St. Domingo. From Mr. Tweedie's collection.

43. PTEROPHORUS ASPILODACTYLUS.

Mas. *Albidus; alæ anticæ basi pallide testaceæ, lituris nullis.*

Allied to *P. osteodactylus*. *Male*.—Whitish, slender. Fore wings without markings, pale testaceous at the base. Length of the body 8 lines; of the wings 14 lines.

This may be a variety or a faded example of *P. agraphodactylus*.

a. Jamaica. From Mr. Gosse's collection.

South America.

44. PTEROPHORUS PUSILLUS.

pusillus, *Phlp.*

Santiago.

45. PTEROPHORUS CINERARIUS.

cinerarius, *Phlp.*

Santiago.

46. PTEROPHORUS UMBRIGERIALIS.

Nigro-cinereus; palpi dense pilosi; abdomen cinereum; tibiæ intermediæ fasciculis duobus nigris; alæ anticæ lineis nonnullis obliquis cinereis, fasciis duabus obliquis nigricantibus; posticæ cupreo-fuscæ.

Blackish cinereous. Palpi densely pilose, as long as the breadth of the head. Abdomen cinereous. Legs whitish; anterior femora blackish; middle tibiæ with two black tufts, one before the middle, the other apical; hind tibiæ and tarsi blackish above. Fore wings with several oblique cinereous lines, which are inclined hindward towards the base; two blackish oblique bands, one before the middle, the other beyond the middle. Hind wings cupreous-cinereous. Length of the body 7 lines; of the wings 14 lines.

a. Bogota. From Mr. Stevens' collection.

47. PTEROPHORUS IMPERSONALIS.

Fœm. Albidus, gracillimus, testaceo vix suffusus; alæ anticæ falcatae perangustæ, peracutæ.

Female. Whitish, very slender, with a slight testaceous tinge. Wings very narrow. Fore wings falcate, very acute, without any markings; the cleft about two-thirds of the length of the wing. Length of the body 6 lines; of the wings 14 lines.

a. Venezuela. From Mr. Dyson's collection.

South Africa.

48. *PTEROPHORUS LONGALIS*.

Form. *Pallidissime cervinus; abdomen longissimum; alæ anticæ angustæ, lanceolatæ, acutæ.*

Allied to *P. pterodactylus*. *Female*.—Very pale fawn-colour, under. Abdomen very long. Wings narrow, lanceolate, acute. Fore wings without any markings. Length of the body 9 lines; of hind wings 16 lines.

Cape. From M. Dregé's collection.

49. *PTEROPHORUS DEFECTALIS*.

Mas et form. *Pallidissime cervinus aut albido-ochraceus; pedes albi; alæ anticæ lituris duabus costalibus elongatis albidis; posticæ cinereæ.*

Male and female. Very pale fawn-colour or whitish ochraceous. Legs white. Fore wings with two elongated whitish costal marks, one at two-thirds of the length, the other near the tip. Hind wings cinereous. Length of the body 4 lines; of the wings 10 lines.

S. Sierra Leone. Presented by the Rev. D. F. Morgan.

S. Congo. Presented by Sir J. Richardson.

50. *PTEROPHORUS RUTILALIS*.

Mas. *Aurato-ochraceus, subtus argenteo-albidus; alæ anticæ punctis duobus subcostalibus nigricantibus.*

Male. Gilded ochraceous; under side and legs silvery whitish. Fore wings with two blackish subcostal points, one at one-third of the length, the other at a little before the middle. Length of the body 5 lines; of the wings 10 lines.

Port Natal. From Mr. Plant's collection.

Asia.

51. *PTEROPHORUS CONGRUALIS*.

Mas et form. *Pallide ochraceo-cervinus. Var. ?—Cinereus, cervino subinctus.*

Male and female. Pale ochraceous fawn-colour. *Var. ?*—Cinereous, with a slight tinge of fawn-colour. Length of the body 3—4 lines; of the wings 8—10 lines.

a. South Hindostan. Presented by M. J. Walhouse, Esq.

b, c. China. Presented by G. T. Laye, Esq.

d. Shanghai. From the Entomological Society's collection.

52. PTEROPHORUS OXYDACTYLUS.

Mas et fœm. *Pallide ochraceo-cervinus; tibiæ posticæ nigricinctæ; alæ anticæ peracutæ, puncto costali nigricante, cum nonnunquam ex parte subfuscescente; posticæ cinereæ.*

Male and female. Pale ochraceous fawn-colour. Hind tibia with a black ring at the base of each pair of spurs. Fore wing narrow, very acute, with a blackish costal point at a little before the middle; costa sometimes slightly and interruptedly brownish tinged. Hind wings cinereous. Length of the body 5—6 lines; of the wings 10—12 lines.

a—h. Ceylon. From M. Nietner's collection.

Australia.

53. PTEROPHORUS TINCTIDACTYLUS.

tinctidactylus, Num.

Australia.

54. PTEROPHORUS CANALIS.

Mas et fœm. *Canus; alæ anticæ nigro conspersæ vix strigatæ, costa exteriori nigricante, strigula nigra subcostali ante medium.*
Var. β.—Alæ anticæ vix conspersæ.

Male and female. Hoary, slender. Legs white. Fore wing longitudinally and very minutely black-speckled, blackish along the exterior part of the costa; a minute black subcostal streak at one-third of the length. *Var. β.*—Fore wings hardly speckled; a slight blackish mark at the base of the cleft. Length of the body 5 lines; of the wings 12 lines.

a. Sydney. From Mr. Lambert's collection.

b. Australia. From Mr. Damel's collection.

55. *PTEROPHORUS DIFFUSALIS*.

Mas. *Pallide ochraceus; caput et abdomen albida; alæ anticae fascia post media lineaque transversa submarginali albis, fimbria pilis paucis nigris; posticae penicilli postici apice pilis nigris squamosis ornatae.*

Male. Pale ochraceous. Head, abdomen and legs mostly whitish. Fore wings with a white band at a little beyond two-thirds of the length, and with a white transverse submarginal line; a few black hairs on the fringe of each cleft. Hind wings with several black squamous hairs near the tip of the third or hindmost plume, which is very slender. Length of the body 5 lines; of the wings 12 lines.

a, b. Moreton Bay. From Mr. Diggles' collection.

56. *PTEROPHORUS OBLITERALIS*.

Mas. *Albus, sat robustus; abdomen pallide testaceum, segmentis albo marginatis; alæ lineis quatuor transversis indistinctis pallide testaceis, 3a submarginali, 4a marginali.*

Male. White, rather stout. Abdomen pale testaceous; hind borders of the segments white. Wings with four indistinct transverse pale testaceous lines; first line before the middle; second beyond the middle; third submarginal; fourth marginal. Length of the body 5 lines; of the wings 10 lines.

a. Moreton Bay. From Mr. Diggles' collection.

New Zealand.

57. *PTEROPHORUS INNOTATUS*.

Mas. *Pallide ochraceus; pedes argenteo-albidi; alæ tenuissima; posticae cinereo-æneæ.*

Male. Pale ochraceous, slender. Legs silvery whitish, without any markings. Plumes of the wings extremely narrow. Fore wings unvaried, very acute. Hind wings cinereous-æneous, divided at the base into two plumes. Length of the body 4 lines; of the wings 10 lines.

a, b. Auckland, New Zealand. From Mr. Oxley's collection.

58. PTEROPHORUS DEPRIVATALIS.

Mas et fœm. *Pallidissime ochraceus; pedes albidī, ochraceo fasciati; alæ anticæ gutta costali cervina elongata post media; posticæ cervinæ.*

Male and female. Very pale ochraceous. Legs whitish; femora pale ochraceous towards the tips; tibiæ with three ochraceous bands; tarsi with two ochraceous bands. Fore wings acute, with an elongated fawn-coloured costal dot at three-fourths of the length. Hind wings fawn-colour. Length of the body 5 lines; of the wings 12 lines.

a, b. New Zealand. Presented by Col. Bolton.

Genus 5. ACIPTILUS.

Aciptilus, Zl.

1. ACIPTILUS SEMIODACTYLUS.

semiodactylus, Mn.

2. ACIPTILUS GALACTODACTYLUS.

galactodactylus, Hb.

a—h. England. From Mr. Stephens' collection.

i, j. England. Presented by E. Shepherd, Esq.

k, l. England. From Mr. Bouchard's collection.

m—o. England.

p, q. Europe. From M. Becker's collection.

3. ACIPTILUS SPILODACTYLUS.

spilodactylus, Ct.—obsoletus, Zl.

a—d. England. From Mr. Rogers' collection.

e—g. England. From Mr. Stevens' collection.

h—j. England. From Mr. Turner's collection.

k. (Pupa). England. From Mr. Stevens' collection.

4. ACIPTILUS CONFUSUS.

confusus, H.-S.—xerodactylus, H.-S.

14. *ACIPTILUS PENTADACTYLUS*.

pentadactyla, *L.*—tridactyla, *Ss.*

a—h. England. From Mr. Stephens' collection.

i—k. England. From Mr. Chant's collection.

l, m. England.

n, o. Europe. From M. Becker's collection.

p, q. ——— ?

15. *ACIPTILUS NEPHELODACTYLUS*.

nephelodactylus, *Ev.*

16. *ACIPTILUS PALUDUM*.

paludum, *Zl.*

a. England. From Mr. Stephens' collection.

17. *ACIPTILUS SICELIOTA*.

siceliota, *Zl.*—ononidis, *Zl.*

18. *ACIPTILUS BAPTODACTYLUS*.

baptodactylus, *Zl.*

19. *ACIPTILUS VOLGENSIS*.

volgensis, *Mschlr.*

Africa.

20. *ACIPTILUS ALBIDUS*.

albidus, *Zl.*

a. Port Natal. From M. Gueinzus' collection.

21. *ACIPTILUS CANDIDALIS*.

Fœm. *Argenteo-albus, gracillimus; alæ lituris nullis.*

Allied to *A. pentadactylus*. *Female*.—Pure silvery white, very slender. Wings without any markings. Length of the body 4 lines; of the wings 10 lines.

The much smaller size of this species sufficiently distinguishes it from *A. albidus*.

a. Sierra Leone. From Mr. Foxcroft's collection.

Asia.

22. *ACIPTILUS LACTEIPENNIS*.

Fœm. *Argenteo-albus; alæ anticæ punctis tribus costalibus, uno subcostali unoque postico nigris.*

Allied to *A. galactodactylus*. *Female*.—Pure silvery white. Fore wings with three black costal points, one before the middle, the second beyond the middle, the third at three-fourths of the length; a subcostal black point near the tip; hind plume with a black point near the tip. Length of the body 7 lines; of the wings 6 lines.

1. Hindostan. From Archdeacon Clerk's collection.

23. *ACIPTILUS LEUCADACTYLUS*.

Mas et fœm. *Argenteo-albus; alæ lituris nullis.*

Allied to *A. pentadactylus*. *Male and female*.—Silvery white. Fore wings without any markings. Length of the body 4—6 lines; of the wings 10—14 lines.

1, 6. Ceylon. Presented by Dr. Templeton.

2. Ceylon. From M. Nietner's collection.

Australasia.

24. *ACIPTILUS SIMILALIS*.

Mas. *Albus, gracillimus; tibiæ posticæ subfimbriatæ, calcaribus longissimis; alæ anticæ punctis duobus costalibus nigris, maculis duobus discalibus fuscis.*

Allied to *A. galactodactylus*. *Male*.—White, very slender. Abdomen long. Hind tibiæ with a very short fringe; spurs very long. Fore wings with two black points on the costa, and with two brown spots on the disk; first point at a little beyond the middle; second at three fourths of the length; first spot at the base of the disk; second behind the second point. Length of the body 8 lines; of the wings 14 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Australia.

25. ACIPTILUS APTALIS.

Mas et fœm. *Flavo-albus; abdomen album; alæ anticæ lituræ discali fusca, punctis sex exterioribus submarginalibus nigris nonnunquam plus minusve obsoletis.*

Allied to *A. galactodactylus*. *Male and female*.—Yellowish white, rather stout. Antennæ, legs and hind wings pure white. Fore wings with a small brown mark in the disk at the base of the cleft, and with three black points on each of the forks; some of these points are occasionally obsolete. Length of the body 5—6 lines; of the wings 12—14 lines.

a—d. Sydney. From Mr. Lambert's collection.

e, f. Sydney. From Mr. Diggles' collection.

g. Australia. From Mr. Damel's collection.

New Zealand.

26. ACIPTILUS FURCATUS.

Mas et fœm. *Albus, sat robustus; thorax aurato-cervinus, antia albus; alæ anticæ vitta furcata aurato-cervina. Var. β.—Alæ anticæ furca postica obsoleta.*

Male and female. Silvery white, rather stout. Thorax gilded fawn-colour, silvery white in front. Fore wings with a gilded fawn-coloured stripe, which is forked at the base of the cleft; first branch extending along the fore fork of the wing, connected with two black costal streaks; second branch extending along the hind fork. *Var. β.*—Fore wings with the hind branch of the stripe partly obsolete. *Var. γ.*—Fore wings with the hind branch of the stripe quite obsolete. Length of the body 5 lines; of the wings 12 lines.

a—d. New Zealand. Presented by Col. Bolton.

e, f. Auckland, New Zealand. From Mr. Oxley's collection.

27. ACIPTILUS MONOSPILALIS.

Mas et fœm. *Argenteo-albus; alæ anticæ puncto discali nigro punctis duobus aut tribus exterioribus submarginalibus nigris nonnunquam vix conspicuis.*

Male and female. Silvery white. Fore wings with a black point at the base of the cleft, and with two or three subcostal black points on the fore branch of the wing; these points are sometimes very indistinct. Length of the body 6—7 lines; of the wings 14—16 lines.

a—f. New Zealand. Presented by Dr. Sinclair.

g—l. New Zealand. Presented by Col. Bolton.

Genus 6. DEUTEROCOPUS.

Deuteroecopus, Zl.

1. DEUTEROCOPUS TENGSTROEMI.

Tengstroemi, Zl.

Java.

[Genus 7. UTUCA.

Fœm. Corpus gracile. Proboscis brevis. Palpi læves, graciles, oblique ascendentes, capitis latitudine breviores; articulus Sus conicus, acutus, minimus. Antennæ glabræ, sat robustæ. Abdomen alas posticas longissime superans. Pedes longissimi, gracillimi, calcaria longa. Alæ anticæ subfissæ, acutæ, sat angustæ.

Female. Body slender. Proboscis short. Palpi smooth, slender, obliquely ascending, shorter than the breadth of the head; third joint conical, acute, very minute, less than one-fourth of the length of the second. Antennæ smooth, rather stout, a little more than half the length of the fore wings. Abdomen extending for almost its whole length beyond the hind wings. Legs very long and slender; spurs long. Wings rather narrow. Fore wings acute, with a short cleft on the exterior border. Hind wings forming two plumes, of which the hind one is very narrow.

This genus may be termed a transition from *Agdistes* to *Acipitilus*.

1. UTUCA OCHRACEALIS.

Fœm. *Cinerea, æneo vix tincta; thorax ochraceus; pedes albidocinerei.*

Female. Cinereous, with a slight tinge of æneous. Thorax ochraceous. Legs whitish cinereous. Fore wings without any markings. Length of the body 6 lines; of the wings 14 lines.

a. Ega. From Mr. Bates' collection.

Genus 8. SOCHCHORA.

Fam. Corpus gracile. Proboscis gracilis. Palpi glabri, graciles, ascendentes, capitis latitudine multo longiores; articulus 3us setiformis, 2o brevior. Antennæ graciles, breves. Thorax brevis. Abdomen longum, fusiforme. Pedes longi, glabri, graciles; calcaria longissima. Alæ anticæ falcatæ, fissæ, margine exteriori subdentato; posticæ bifissæ.

Female. Body slender. Proboscis slender. Palpi smooth, slender, ascending, much longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ slender, less than half the length of the fore wings. Thorax short. Abdomen long, fusiform, extending for its whole length beyond the hind wings. Legs long, smooth, slender; spurs very long. Fore wings falcate, increasing in breadth from the base to the interior angle, with a fissure extending from three-fourths of the length to the middle of the exterior border, which is slightly dentate and moderately oblique. Hind wings with three irregular divisions, which have fringed borders; first fissure extending from beyond the middle of the disc to the exterior border; second extending from near the base to the interior border.

1. SOCHCHORA DONATELLA.

Fœm. Aurato ferrugineo-rufa; alæ anticæ strigis pallidioribus, linea transversa abbreviata nigra ex parte cinereo marginata, linea exteriori transversa albida dentata, linea marginali nigra; posticæ nigricantes, basi rufescentes. *Var.*—Alæ anticæ obscure rufo-fusæ.

Female. Gilded ferruginous-red, paler beneath. Fore wings with a few short paler streaks; an abbreviated transverse black partly cinereous-bordered line beyond the middle; a more exterior whitish dentate transverse line; marginal line black; fringe cinereous; costa mostly black. Hind wings blackish, reddish at the base. *Var.*—Fore wings dark reddish brown. Length of the body 4 lines; of the wings 8 lines.

a—d. Ega. From Mr. Bates' collection.

Fam. 2. ALUCITIDÆ.

Alucitidæ, Sta.

Genus 1. ALUCITA.

Alucita, L.

1. ALUCITA ZONODACTYLA.

zonodactyla, Zl.

2. ALUCITA DODECADACTYLA.

dodecadactyla, Hb.

3. ALUCITA PALODACTYLA.

palodactyla, Zl.

4. ALUCITA GRAMMODACTYLA.

grammodactyla, Zl.—*hexadactyla*? Hb.

5. ALUCITA PERITTODACTYLA.

perittodactyla, Zl.

6. ALUCITA DESMODACTYLA.

desmodactyla, Zl.

7. ALUCITA POLYDACTYLA.

polydactyla, Hb.—*hexadactyla*, Dp.

4. England. From Mr. Stephens collection.

5. England.

8. ALUCITA HEXADACTYLA.

hexadactyla, Hb.

6. Europe. From M. Becker's collection.

7. Germany. From M. Heminghoffen's collection.

Villa Nova. From Mr. Bates' collection.

8. Cape. From M. Dregé's collection.

Sydney. From Mr. Lambert's collection.

Australia. From Mr. Damel's collection.

9. ALUCITA CYMATODACTYLA.

cymatodactyla, Zl.

ADDENDA.

Page 2.

APHOMIA TERENELLA.

terenella, Zl.

United States.

Page 22.

Genus PONTALA.

Fœm. Corpus sat robustum. Proboscis conspicua. Palpi oblique ascendentes, verticem non attingentes; articulus 3us brevissimus. Antennæ glabræ. Abdomen alas posticas superans. Pedes breviusculi. Alæ anticæ acutæ, costa subconvexa apicem versus recta, margine exteriori anticæ bis inciso postice valde oblique, margine interiori excavato.

Female. Body moderately stout. Proboscis distinct. Palpi obliquely ascending, not rising so high as the vertex; third joint less than one-sixth of the length of the second. Antennæ smooth. Abdomen extending rather beyond the hind wings. Legs rather short. Fore wings acute; costa slightly convex for half the length from the base, straight from thence to the tip; exterior border bent, with two notches in front, extremely oblique hindward; a large nearly circular excavation near the interior angle, which is very prominent.

1. PONTALA RUBRANA.

Fœm. Saturate rufa, subtus fusca; abdomen fuscum; alæ anticæ linea interiori indistincta subflexa lineaque exteriori recta obliqua nigra, annulo discali indistincto nigricante, lineola costali exteriori alba, margine exteriori postico purpurascens; posticæ fusæ.

Female. Deep red, brown beneath. Abdomen brown. Fore wings with a straight black line, which extends from the tip to the interior angle; interior line black, indistinct, not oblique, slightly

at in front; an indistinct irregular blackish discal ringlet; a white stial line extending from half the length to the tip; hind part of exterior border tinged with purple. Hind wings brown. Length of the body 8 lines; of the wings 20 lines.

Para. From Mr. Bates' collection.

Page 23.

ANERASTIA OSTRINELLA.

linella, De la Harpe.

Page 27.

HOMOBOSOMA BILITURALIS.

Ma. Cinereus, robusta; caput et thorax ochraceo subtineta; antennæ breviusculæ, sat graciles; abdominis fasciculus apicalis elongatus; alæ anticae apice rotundatae, roseo fuscoque variae, linea transversa flexa post media vittisque duabus posticis, punctis marginalibus nigricantibus, punctis duobus discalibus nigris approximatis elongatis.

Male. Cinereous, stout. Head and thorax very slightly tinged with ochraceous. Antennæ smooth, rather short and slender. Abdomen extending much beyond the hind wings; apical tuft elongate. Wings elongate, moderately broad. Fore wings rounded at the tip, irregularly varied with rosy red and with brown, the first hue forming a much outward-bent transverse line beyond the middle, the latter hue forming two incomplete stripes near the interior border; two approximate transversely elongated black dots in the fore part of the disk beyond the middle; marginal points blackish, transversely elongated; fringe containing a rosy line near the base; exterior border convex, rather oblique. Length of the body $4\frac{1}{2}$ lines; of the wings 11 lines.

Sawak, Borneo. In Mr. Saunders' collection.

Page 29.

ACHOBASIS ? IMBELLA.

Fem. Pallide cervina; palpi subascendentes, vix arcuati; alæ anticae subnebulosæ, sat angustæ, vix acutæ, punctis marginalibus fuscis; posticae albæ, subhyalinae, apices vix fuscæ, cente subnebulosæ, punctis marginalibus fusciscentibus.

Female. Pale fawn-colour. Palpi hardly curved, very slightly ascending, extending somewhat beyond the head; third joint elongate-conical, about one-third of the length of the second. Antennæ rather slender; basal joint stout. Abdomen extending little beyond the hind wings. Fore wings hardly acute, rather narrow, partly clouded with slightly darker colour; marginal post brown. Hind wings white, slightly hyaline, slightly brownish clouded towards the tips; marginal line brownish. Length of body 7 lines; of the wings 16 lines.

a. Cape. From M. Dregé's collection.

Page 32.

Genus LANTHAPHE.

Lanthaphe, *Clms.*—Acrobasis? *Zl.*

1. LANTHAPHE PLATANELLA.

platanella, *Clms.*

United States.

2. LANTHAPHE ASPERATELLA.

asperatella, *Clms.*

United States.

Page 33.

NYCTEGRETIS RUMINELLA.

ruminella, *De la Harpe.*

Page 36.

MYELOIS INDIGINELLA.

indiginella, *Zl.*

United States.

MYELOIS EXULELLA.

exulella, *Zl.*

United States.

Page 50.

EPHESTIA ? OSTRINELLA.

ostrinella, *Clms.*

United States.

EPHESTIA ? ZÆ.

Zæ, *Fitch, Clms.*

United States.

ZOPHODIA LUTEOLA.

luteola, *De la Harpe.**Page 57.*

NEPHOPTERYX UNDULATELLA.

undulatella, *Clms.*

Canada. United States.

NEPHOPTERYX ULMI-ARROSORELLA.

ulmi-arrosorella, *Clms.*

United States.

Page 67.

NEPHOPTERYX ? PHYCISELLA.

Fœm. *Ferrugineo-cinerea ; palpi porrecti, capitis latitudine non breviores, articulo 3o producto latiusculo obtuso ; thorax nigricante fasciatus ; alæ anticæ acutæ, ferrugineo conspersæ, fascia obliqua nigricante intus concisa extus diffusa ; posticæ cineræ.*

Female. Ferruginous-cinereous, more cinereous beneath. Palpi porrect, compressed, as long as the breadth of the head ; third joint obtuse, nearly as broad as the second, and not more than one-third of its length. Thorax with a blackish band. Abdomen cinereous, extending beyond the hind wings. Fore wings acute, with ferruginous speckles, and with a blackish oblique interior band, which is concise on the inner side and diffuse exteriorly ; costa straight ; exterior border slightly convex and oblique. Hind wings cinereous. Length of the body 5 lines ; of the wings 12 lines.

a. Ceylon. Presented by Dr. Templeton.

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NEPHOPTERYX NEGLECTALIS.

Fœm. *Schistacea; antennæ sat robustæ; alæ anticæ sat angustæ, vix acutæ, fuscescente conspersæ, basi fasciæque ante mediâ ferrugineis, lineâ exteriori cinerea undulata extus fuscescenti marginata, punctis marginalibus nigris.*

Female. Slaty cinereous, paler beneath. Palpi obliquely ascending, squamous, a little longer than the breadth of the head; third joint lanceolate, a little shorter than the second. Antennæ rather stout. Fore wings brownish-speckled, rather narrow, hardly acute, ferruginous at the base, and with a ferruginous band before the middle; this band is bounded on the outer side by an undulating cinereous line, which is brownish-bordered on the outer side; marginal points black; exterior border slightly convex and oblique. Length of the body 5 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

NEPHOPTERYX INFRACTALIS.

Mas. *Pallide cervina; palpi apice nigrificantes; antennæ subætolæ; abdomen alas posticas dimidio superans; alæ anticæ nigro subconsersæ, apice rotundatæ, apud marginem posteriorem nigrificantes, punctis duobus discalibus nigris; posticæ cinereæ, semihyalinæ.*

Male. Pale fawn-colour. Palpi obliquely ascending, not longer than the breadth of the head; third joint blackish, elongate-conical, shorter than the second. Antennæ extremely minutely setulose. Abdomen extending for half its length beyond the hind wings. Legs smooth. Wings moderately broad; fringe rather long. Fore wings rounded at the tips, with a few black speckles, wholly blackish towards the exterior border, except along the costa; two elongated black points in the middle of the disk; exterior border slightly convex, very oblique. Hind wings cinereous, semi-hyaline. Length of the body 3 lines; of the wings 7 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

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PENPELIA? VIRGATELLA.

virgatella, *Cms.*
United States.

PENPELIA? SUBCÆSIELLA.

subcæsiella, *Cms.*
United States.

PENPELIA LIGNOSELLA.

lignosella, *Zl.*
United States.

PENPELIA PETRELLA.

petrella, *Zl.*
United States.

Page 75.

Genus TETRALOPHA.

Tetralopha, *Zl.*

1. TETRALOPHA MILITELLA.

militella, *Zl.*
United States.

2. TETRALOPHA ROBUSTELLA.

robustella, *Zl.*
United States.

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ADDYME ILLECTALIS.

Mas. Pallide cinerea; corpus cervinum; palpi p
latitudine valde longiores, articulo 2o piloso,
antennæ subcrenulatæ, alæ anticæ angustæ v
subcostali cervina.

Male. Pale cinereous. Body fawn-colour.
very much longer than the breadth of the head; second
third lanceolate, very slender, not more than one-third
of the second. Antennæ minutely crenulate. Abdo

much beyond the hind wings. Legs smooth, slender. Fore wings narrow, hardly acute, with a fawn-coloured subcostal stripe, which extends to the tip of the wing, and is obsolete towards the base. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

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LAMORIA? RUFIVENA.

Form. *Pallidissime ochracea, robusta; fasciculus apicalis porrectus; palpi pubescentes, subdecumbentes; oviductus exsertus; pedes validi; alæ anticæ latiusculæ, apice subrotundatæ, atomis nonnullis subcostalibus lineaque marginali interrupta nigra, venis rufis.*

Female. Very pale ochraceous. Body stout; frontal taste correct. Palpi pubescent, slightly decumbent, nearly as long as the breadth of the head; third joint conical, not more than one-fourth of the length of the second. Antennæ slender. Abdomen pale, extending somewhat beyond the hind wings; oviduct exserted. Legs smooth, stout. Wings rather broad. Fore wings slightly rounded at the tips, with a few black speckles towards the costa, and with a slender interrupted black marginal line; veins red; exterior border slightly convex, hardly oblique. Hind wings paler. Length of the body 7 lines; of the wings 18 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

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For GYBTONA THORACIA read GYBTONA THORACIOA.

Page 138.

Genus PRIONAPTERYX.

Prionapteryx, St.

PRIONAPTERYX ACHATINA.

achatina, *Klr., Mn., Zl.*

North America.

PRIONAPTERYX INCERTELLA.

incertellus, *Zincken.*

Georgia.

Genus TIRATHABA.

Fœm. Corpus crassum, læve. Proboscis mediocris. Palpi breves, porrecti, capitis latitudine vix breviores; articulus 3us longior, 2i triente non longior. Antennæ graciles, breves. Pedes breves, breviusculi, sat validi. Alæ anticæ latæ, elongatæ, apice rotundatæ, margine exteriori convexo.

Female. Body thick, smooth. Proboscis moderately long. Palpi smooth, porrect, nearly as long as the breadth of the head; first joint elongate-conical, about one-third of the length of the second. Antennæ smooth, slender, less than half the length of the fore wings. Legs smooth, rather short and stout; spurs long. Wings broad, elongate; fringe moderately long. Fore wings rounded at the tips; costa straight; exterior border convex, moderately oblique.

1. TIRATHABA MUNDELLA.

Fœm. *Pallide cinereo-rosea; corpus subtile argenteo-albidum; abdomen, alæ anticæ subtile alæque posticæ subaurato-flavescentia; alæ anticæ puncto discali nigricante, costa apicem versus margineque exteriori nigricante punctatis.*

Female. Pale cinereous-rosy. Body silvery whitish beneath. Abdomen, fore wings beneath and hind wings yellowish, slightly edged. Fore wings with a blackish discal point at two-thirds of the length; apical part of the costa and exterior border with minute blackish points. Length of the body 5 lines; of the wings 14 lines. Sarawak, Borneo. In Mr. Saunders' collection.

Genus CADRA.

Mas et fœm. Corpus gracile. Proboscis mediocris. Palpi validi, verticem paullo superantes; articulus 2us squamosus; 3us lanceolatus, 2i dimidio non longior. Palpi maxillares conspicui. Antennæ glabræ, sat robustæ. Abdomen alas posticas superans. Pedes læves, sat graciles; calcaria longa. Alæ anticæ longæ, angustæ, apice rotundatæ, margine exteriori subrecto vix obliquo.

Male and female. Body slender. Proboscis moderately long and stout. Palpi stout, nearly erect, rising a little higher than the vertex; second joint squamous; third lanceolate, about half the length of the second. Maxillary palpi distinct. Antennæ smooth.

rather stout. Abdomen extending beyond the hind wings. Legs smooth, rather slender; hind tibiæ with four long spurs. Wings long, narrow. Fore wings rounded at the tips; exterior border nearly straight, hardly oblique.

1. CADRA DEFECTELLA.

Mas et fœm. Cinerea; alæ anticæ subconspersæ, fasciis duabus pallide cervinis diffusis indistinctis.

Male and female. Cinereous. Fore wings very minutely speckled; two indistinct and diffuse pale fawn-coloured bands. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a—e. Ceylon. Presented by Dr. Templeton.

Genus MASTHALA.

Mas. Corpus gracillimum. Proboscis breviuscula. Palpi porrecti, squamosi, capitis latitudine non breviores; articulus 3us lanceolatus, 2o non brevior. Antennæ glabræ, graciles, breviusculæ. Abdomen alas posticas longissime superans. Pedes graciles. Alæ anticæ perangustæ, apice rotundatæ, margine exteriori perobliquo.

Male. Body very slender. Proboscis rather short. Palpi porrect, squamous, as long as the breadth of the head; third joint lanceolate, as long as the second. Antennæ smooth, slender, little more than half the length of the fore wings. Abdomen extending very far beyond the hind wings. Legs slender, not long; spurs moderately long. Wings very narrow. Fore wings rounded at the tips; exterior border extremely oblique.

1. MASTHALA FAVILLALELLA.

Mas. Cinerea, subtus albida; alæ anticæ nigricante conspersæ, fasciis duabus obliquis nigricantibus; posticæ albide.

Male. Cinereous, whitish beneath. Fore wings thickly and minutely blackish speckled, with two blackish oblique irregular bands; the first at one-third of the length; the other at two-thirds of the length. Hind wings whitish. Length of the body 3 lines; of the wings 10 lines.

a. Australia? Presented by the Entomological Club.

Genus AROUVA.

Mas. Corpus robustum. Fasciculus frontalis planus, productus. Proboscis mediocris. Palpi lanceolati, squamosi, decumbentes, capitis latitudine paullo breviores; articulus 3us lanceolatus, 2o brevior. Antennæ subsetulosæ, subpubescentes. Abdomen alas posticas non superans; fasciculus apicalis parvus. Pedes læves, squamosi. Alæ anticæ latæ, acutæ.

Male. Body stout. Frontal tuft flat, prominent. Proboscis moderately long. Palpi lanceolate, squamous, decumbent, a little shorter than the breadth of the head; third joint lanceolate, shorter than the second. Antennæ very minutely setulose and pubescent. Abdomen not extending beyond the hind wings; apical tuft small. Legs smooth, squamous; spurs short, stout. Wings broad. Fore wings acute; costa straight; exterior border slightly convex and oblique.

1. AROUVA MIRIFICANA.

Mas. *Cupreo-rufa; abdomen nigricans; alæ nigro fimbriatæ; posticæ aurato-flavæ, postice ochraceæ, apices versus et apud marginem interiorem cupreæ.*

Male. Cupreous-red. Body cupreous-cinereous beneath. Abdomen blackish. Wings with a black fringe. Hind wings gilded-yellow, ochraceous hindward, cupreous along the interior border and towards the tips. Length of the body 4 lines; of the wings 11 lines.

α. Ega. From Mr. Bates' collection.

Genus MADIAMA.

Corpus sat gracile. Palpi robusti, squamosi, ascendentes, verticem non superantes; articulus 3us conicus, minimus. Antennæ glabræ, breviusculæ, sat robustæ. Pedes læves. Alæ anticæ sub-acutæ, angustæ.

Body rather slender. Palpi stout, squamous, ascending, not rising higher than the vertex; third joint conical, very minute. Antennæ smooth, rather short and stout. Legs smooth; hind tibiæ with one long spur in the first pair. Fore wings rather narrow, slightly acute.

1. MADIAMA NIGROSCITALIS.

Obscure cinerea, subtus alba; alæ subtus purpurascente-nigræ; anticæ lineis nonnullis e punctis nigris ferrugineo marginatis; spatio costali albido e strigis duabus nigris marginato, fasciis duabus posticis nigro-cinereis, punctis marginalibus nigris; margine exteriori ferrugineo; posticæ fuscescente-cinereæ.

Dark cinereous, white beneath. Wings purplish black beneath. Fore wings with five or six lines of black ferruginous-bordered points; costal space whitish, partly bordered hindward by two black streaks, each of which is connected with a band, which is somewhat darker than the ground hue; marginal points black; exterior border ferruginous. Hind wings brownish cinereous. Length of the body 3 lines; of the wings 8 lines.

a. Sierra Leone. From Mr. Foxcroft's collection.

Genus COPHANTA.

Fœm. Corpus læve, crassum. Proboscis brevis. Palpi validi arcuati, ascendentes, capitis latitudine breviores; articulus 2us pilis squamosis dense vestitus; 3us conicus, parvus. Antennæ breves, graciles. Abdomen alas posticas paullo superans. Pedes validi, breves, læves; calcaria longa. Alæ anticæ breves, latæ, apice rotundatæ, margine exteriori convexo.

Female. Body smooth, very stout. Proboscis short. Palpi stout, curved, ascending, shorter than the breadth of the head; second joint thickly clothed in front with short squamous hairs; third conical, minute. Antennæ short, slender, longer than the thorax. Abdomen extending a little beyond the hind wings. Legs smooth, short, stout; spurs long. Wings short, broad. Fore wings rounded at the tips; discal fold strongly marked; exterior border convex, moderately oblique.

1. COPHANTA FUNESTALIS.

Fœm. Cinereo-nigra, nitens; alæ anticæ chalybæo subinctæ, lineis duabus transversis dentatis obscure ferrugineis, punctis marginalibus nigris elongatis; posticæ cinereæ.

Female. Cinereous-black, shining, dark cinereous beneath. Fore wings slightly tinged with chalybeous; two transverse dentate

dark ferruginous lines, one before the middle, the other beyond the middle; marginal points black, transversely elongated. Hind wings cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 4 lines.

Kawak, Borneo. In Mr. Saunders' collection.

Genus CYIZA.

Fœm. Corpus robustum. Proboscis longiuscula. Palpi validi, erecti, verticem non superantes; articulus 3us parvus, longiusculus. Abdomen alas posticas paullo superans. Pedes læves, breviusculi; calcaria longa. Alæ anticæ breves, latæ, acutæ, marginem anteriorem subobliquo.

Female. Body stout. Proboscis elongate. Palpi stout, erect, shorter than the breadth of the head, not rising higher than the vertex; third joint elongate-conical, not more than one-fourth of the length of the second. Abdomen extending a little beyond the hind wings. Legs smooth, rather short; spurs long. Wings short, broad. Fore wings acute; exterior border slightly convex and oblique.

This genus hardly belongs to the *Phycidæ*. It has some resemblance to the *Noctuæ minores*.

1. CYIZA PUNCTALIS.

Fœm. Pallide cinerea; palpi apice nigricantes; alæ anticæ cervino pallido nebulosæ, plagis duabus obscure ochraceis nigro lineatis, 1a basali, 2a costali strigas tres nigras includente, lineis duabus transversis interruptis strigæque costali obliqua albis, linea transversa devia nigra ochraceo notata, puncto discali læte ochracea, punctis marginalibus nigris.

Female. Pale cinereous. Palpi blackish towards the tips. Fore wings partly clouded with pale fawn-colour; two dark ochraceous patches; one basal, traversed by a bent black line; the other occupying the middle of the costa, also traversed by a black dentate line, which extends to the interior border, and containing three black longitudinal streaks; two irregular incomplete transverse white lines between the two patches; the outer one partly contiguous with a more irregular black line, of which the middle part is marked with bright ochraceous; an oblique white costal streak on the outer

side of the second patch, inclined towards a bright ochraceous point in the disk; marginal points black. Length of the body 4 lines of the wings 9 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

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CHILO CULMICOLELLUS.

culmicolellus, Zl.

Columbia.

CHILO NEURICELLUS.

neuricellus, Kaden, MSS., Zl.

Venezuela.

CHILO OBLITERATELLUS.

obliteratellus, Klr., MSS., Zl.

Brazil.

CHILO TORPIDELLUS.

torpidellus, Zl.

South Africa.

Page 143.

CHILO UNICOLORELLUS.

unicolorellus, Kollar, MSS., Zl.

Himalaya.

CHILO DODATELLUS.

Mas. Ochraceus; antennæ robustæ, setulosæ; abdomen alas posticas dimidio fere superans; alæ anticæ vix acutæ, vitta discalis diffusa fuscescente, punctis discalibus elongatis, linea exteriori obliqua punctulari punctisque marginalibus nigricantibus margine exteriori subobliquo; posticæ albidæ.

Male. Ochraceous, whitish cinereous beneath. Labial palpi nearly twice longer than the breadth of the head. Maxillary palpi very short. Antennæ robust, densely setulose. Abdomen extending for nearly half its length beyond the hind wings. Fore wings hardly acute, with a brownish discal diffuse irregular stripe, with some

whitish elongated discal points, and with an exterior oblique hind-
 side-abbreviated line, which is composed of blackish points; mar-
 ginal points blackish, very minute; exterior border slightly convex
 and oblique. Hind wings whitish. Length of the body $5\frac{1}{2}$ lines;
 the wings 12 lines.

Ceylon. Presented by Dr. Templeton.

CHILO ADITELLUS.

Fœm. *Ochraceus; abdomen albidum, alas posticas paullo superans; alæ anticæ guttis tribus discalibus nigris, linea exteriori perobliqua e punctis fuscis, punctis marginalibus nigris; posticæ albæ.*

Female. Ochraceous, paler beneath. Labial palpi twice longer than the breadth of the head. Abdomen whitish, extending a little beyond the hind wings. Fore wings with three black discal dots, and with an exterior very oblique line composed of brown points; marginal points black, minute. Hind wings white. Length of the body 6 lines; of the wings 18 lines.

Hindustan. From Archdeacon Clerk's collection.

Sect.

Mas et fœm. Corpus sat gracile. Proboscis nulla. Palpi labiales porrecti, lanceolati, capitis latitudine fere duplo longiores. Palpi maxillares brevissimi. Antennæ glabræ, graciles. Abdomen viridis apice tumidum. Pedes longi, graciles, læves. Alæ anticæ nigræ, margine exteriori perobliquo.

Male and female. Body rather slender. Proboscis obsolete. Labial palpi porrect, lanceolate, nearly twice longer than the breadth of the head. Maxillary palpi very short. Antennæ smooth and slender in both sexes. Abdomen of the male longer than that of the female, somewhat tumid towards the tip, which has a broad tuft. Legs long, smooth, slender; hind tibiæ with four long spurs. Fore legs acute, moderately broad; costa straight; exterior border slightly convex, very oblique.

CHILO GRATIOSELLUS.

Mas et fœm. *Albidus; alæ anticæ pallide atræ.*

læves, gutta discali

Male and female. Whitish. Fore wings pale luteous, with a deep black discal dot. Length of the body 5—8 lines; of the wings 12—16 lines.

Borneo.

a. China. Presented by G. T. Laye, Esq.

b—c. Colombo, Ceylon. From M. Dohrn's collection.

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CHILO WESTWOODI

Westwoodi, Zl.

Tasmania.

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SCIRPOPHAGA CINEREA.

cinerea, *Kokeil, MSS., Zl.*

Sarepta.

SCIRPOPHAGA CHRYSORRHOA.

chrysorrhoea, Zl.

Java.

SCIRPOPHAGA LEUCATEA.

leucatea, *Kollar, MSS., Zl.*

Isle St. Thomas. Brazil.

SCIRPOPHAGA VIRGINEA.

virginea, Zl.

South Africa.

SCIRPOPHAGA AURIFLUA.

auriflua, Zl.

Calcutta.

SCIRPOPHAGA GILVIBERBIS.

gilviberbis, Zl.

Calcutta.

LEPIDOPTERA HETEROCERA

SCIRPOPHAGA MONOSTIGMA.

monostigma, Zl.

ANCYLOLOMIA PECTINATELLA.

pectinately, Zl.

South Italy.

ANCYLOLOMIA CAPENSIS.

capensis, Zl.

South Africa.

ANCYLOLOMIA TAPROBANENSIS.

taprobanensis, Zl.

Ceylon.

ANCYLOLOMIA WESTWOODI.

Westwoodi, Zl.

Tasmania.

ANCYLOLOMIA SAUNDERSIELLA.

saundersiella, Zl.

Genus SCHÆNOBIUS.

schænobius, Dp.—Chilo, p. 139.

SCHÆNOBIUS LONGIROSTRELLUS.

longirostrellum, Cms.

North America.

SCHÆNOBIUS SORDIPEDELLUS.

sordipedellus, Zl.

Georgia.

SCHÆNOBIUS MONTIVAGELLUS.

montivagellus, Kaden, MSS., Zl.

Venezuela.

SCHÆNOBIUS NICARIUS.

nicarius, Kaden, MSS., Zl.

Venezuela.

SCHÆNOBIUS CHRYSOSTOMUS.**chrysostomus, Zl.****Natal.****SCHÆNOBIUS CAMINARIUS.****caminarius, Zl.****Natal.****SCHÆNOBIUS MINUTELLUS.****minutellus, Zl.****Calcutta. Java.****SCHÆNOBIUS PUNCTELLUS.****punctellus, Zl.****Calcutta. Java.****Genus CALAMOTROPHA.****Calamotropa, Zl.****1. CALAMOTROPHA PÆUDELLA.****paludellus, p. 152.****2. CALAMOTROPHA AURELIELLA.****aureliellus, p. 152.****3. CALAMOTROPHA ATKINSONI.****Atkinsoni, Zl.****Calcutta.***Page 155.***CRAMBUS VECTIFER.****vectifer, Zl.****Sicily. Isle Lesina, Coast of Dalmatia.**

CRAMBUS RAMOSELLUS.

ramosellus, *Zl.*

Orenburg. Sarepta.

CRAMBUS STAUDINGERI.

Staudingeri, *Zl.*

Spain.

CRAMBUS LANGUIDELLUS.

languidellus, *Mn. MSS., Zl.*

Tyrol. Istria.

CRAMBUS KINDERMANNI.

Kindermanni, *Zl.*

Siberia.

CRAMBUS CATOPTRELLUS.

catoptrellus, *Wocke, MSS., Zl.*

Glockner.

CRAMBUS PERMUTATELLUS.

permutatellus, *Mn., H.-S.*

Austria.

CRAMBUS HASTIFERELLUS.

hastiferellus, *Zl.*—pulchellus, *Zl.?*

Page 158.

For 89. CRAMBUS ABTRUSELLUS read 89. CRAMBUS OBTRUSELLUS.

Page 159.

CRAMBUS GIRARDELLUS.

Girardellus, *Clms.*—nivihumellus, p. 159.

Massachusetts. Ohio.

*Page 160.***CRAMBUS BIPUNCTELLUS.**

bipunctellus, *Zl.*

Ohio. Illinois.

CRAMBUS SALTUELLUS.

saltuellus, *Zl.*—semifusellus ? p. 159.

Ohio. Illinois. New York.

CRAMBUS ALBELLUS.

albellus, *Clms.*

Ohio. Illinois.

CRAMBUS SATRAPELLUS.

satrapellus, *Zincken*—aculeilellus, p. 158.

Georgia.

CRAMBUS AGITATELLUS.

agitatellus, *Clms.*

Ohio. Illinois. Washington.

CRAMBUS LAQUEATELLUS.

laqueatellus, *Clms.*

Ohio. New York.

CRAMBUS PLEBRIADELLUS.

plebeiadellus, *Zincken.*

Georgia.

CRAMBUS DECORELLUS.

decorellus, *Zincken.*

Georgia.

CRAMBUS PEXELLUS.

pexellus, *Kaden, MSS., Zl.*

Georgia.

CRAMBUS SERICINELLUS.

ericinellus, *Zl.*

Ohio.

CRAMBUS MACROPTERELLUS.

macropterellus, *Klr. MSS., Zl.*

North America.

CRAMBUS LINEARELLUS.

linearellus, *Klr. MSS., Zl.*

America.

CRAMBUS GEMINATELLUS.

geminatellus, *Klr. MSS., Zl.*

North America?

CRAMBUS FUSCICOSTELLUS.

fuscicostellus, *Zl.*

Ohio. Illinois.

CRAMBUS LEACHELLUS.

Leachellus, *Zincken.*

Illinois.

CRAMBUS ALBOCLAVELLUS.

alboclavellus, *Schlager, MSS., Zl.*

Ohio.

CRAMBUS PRÆFECTELLUS.

præfectellus, *Zincken.*

United States.

CRAMBUS TERRELLUS.

terrellus, *Zincken.*

Ohio. Georgia.

CRAMBUS EXSICCATUS.

exsiccatus, *Zl.*

Illinois.

CRAMBUS SOLUTELLUS.

solutellus, *Klr. MSS., Zl.*

North America ?

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CRAMBUS PUSIONELLUS.

pusionellus, *Kaden, MSS.*

Venezuela.

CRAMBUS KADENII.

Kadenii, *Zl.*

Venezuela.

CRAMBUS SUBTILELLUS.

subtilellus, *Klr., MSS.*

Brazil.

CRAMBUS CERVINELLUS.

cervinellus, *Kollar, MSS., Zl.*

Brazil.

CRAMBUS EXIMIELLUS.

eximiellus, *Zincken.*

Brazil.

CRAMBUS POLYACTINELLUS.

polyactinellus, *Kollar, MSS., Zl.*

America ?

Page 165.

CRAMBUS HAPALISCUS.

hapaliscus, *Zl.*

Natal.

CRAMBUS FLAVIPEDELLUS.

flavipedellus, *Zl.*

Natal.

Page 168.

CRAMBUS PORCELLANELLUS.

porcellanellus, *Mtshky.*

Japan.

CRAMBUS DIPLOGRAMMUS.

diplogrammus, *Mtshky.*

Japan.

Page 171.

CRAMBUS BIVITTELLUS.

trivittatellus, *Zl.*

CRAMBUS RECURVELLUS.

bivittellus, *Zl.*

CRAMBUS LATIVITTALIS.

halterellus, *Klr., MSS., Zl.**Page 176.*

CRAMBUS RELATALIS.

pentadactylus, *Zl.**Page 177.*

CRAMBUS GAMMELLUS.

gammellus, *Zl.*

Australia?

CRAMBUS OPULENTELLUS.

opulentellus, *Zl.*

Tasmania.

CRAMBUS ARGYRONEURUS.

argyroneurus, *Zl.*

Adelaide.

CRAMBUS FLEXUOSELLUS.

apicellus, *Zl.*

*Page 178.***CRAMBUS NEXALIS.**

incrassatellus, Zl.

CRAMBUS BISECTELLUS.

bisectellus, Zl.

New Zealand.

CRAMBUS SUBLICELLUS.

sublicellus, Zl.

New Zealand.

*Page 180.***EROMENE WOCKEELLA.**

Wockeella, Zl.

Etruria.

EROMENE AURISCRIPTELLA.

Mas. *Aurato-flava; palpi extus fusci, fascia obliqua lata lutes; alæ anticæ fascia interiore arcuata, striga discali transversa, lineolis duabus discalibus exterioribus fasciæque interruptæ undulata adhuc exteriori auratis, linea marginali nigra posticæ punctulari; posticæ cinereæ.*

Male. Gilded yellow, cinereous and shining beneath. Palpi brown on the outer side, with a broad oblique luteous band. Fore wings with some brightly gilded marks; these consist of an outward-curved interior band, a transverse discal streak, and two exterior longitudinal discal lines, which intersect the interrupted part of a more exterior undulating band; marginal line black, divided backward into black points; fringe bright æneous. Hind wings cinereous. Length of the body 4 lines; of the wings 10 lines.

a—e. New Zealand. Presented by Col. Bolton.

*Page 181.***Genus ARGYRIA.**

Argyria, Hb.—Urola, p. 181—Catharylla, Zl.

LEPIDOPTERA HETEROCERA

ARGYRIA NUMMULALIS.

nummulalis, *Hb.*—microchrysella, p. 181.

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ARGYRIA PUBILLALIS.

pubillalis, *Hb.*—pulchella? p. 183.

ARGYRIA FUSCIPES.

fuscipes, *Zl.*

Illinois.

ARGYRIA AURATELLA.

auratellus, *Cms.*

Massachusetts. Illinois.

ARGYRIA LUCELLA.

lucella, *Zl.*

St. Thomas.

ARGYRIA TENELLA.

tenella, *Zl.*

Rio Janeiro.

ARGYRIA NORWICHIANA.

norwichiana, *Hb.*

South America?

ARGYRIA LUCIDELLA.

lucidella, *Zl.*

Brazil.

ARGYRIA FLAVIPEDELLA.

flavipedella, *Zl.*

South Africa.

ARGYRIA NIGROCILIELLA.

nigrociliella, *Klr., MSS., Zl.*

Bombay.

Page 202.

Genus TOMISSA.

Mas. Corpus gracile. Proboscis gracilis. Palpi oblique ascendentes, capitis latitudine paullo longiores; articulus 2us latus squamosus, fimbriatus; 3us lanceolatus, 2i triente non longior. Antennæ setulosæ. Abdomen alas posticas paullo superans. Pedes læves; calcaria longissima. Alæ anticæ latiusculæ, breviusculæ apice rectangulatæ, margine exteriori subconvexo perparum obliquo.

Male. Body slender. Proboscis slender. Palpi oblique ascending, a little longer than the breadth of the head; second joint broad, squamous, fringed; third lanceolate, smooth, not more than one-third of the length of the second. Antennæ minutely setulose. Abdomen extending a little beyond the hind wings. Legs smooth, moderately long and stout; spurs very long. Wings rather broad and short. Fore wings rectangular at the tips; costæ straight; exterior border slightly convex, very slightly oblique; third inferior vein twice further from the fourth than from the second.

Type, *T. concisella*.

1. TOMISSA CONCISELLA.

Fœm. Albida; alæ anticæ testaceo subinctæ, apud marginem anteriorem pallide cervinæ, punctis duobus discalibus nigris; posticæ puncto discali punctisque marginalibus fuscis.

Female. Whitish. Fore wings with a slight testaceous tinge; a pale fawn-coloured tinge along the exterior border; two black points in the disk beyond the middle, and a row of black points along the apical part of the costa and along the exterior border. Hind wings with a brown discal point and brown marginal points. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

2. TOMISSA? FERVIDEA.

Ochracea; palpi oblique ascendentes, articulo 2o pubescente, 3o conico; antennæ pubescentes; alæ anticæ dimidio apicali purpureo; posticæ albidæ, margine exteriori subpurpurascente.

Ochraceous. Palpi obliquely ascending, not rising higher than the vertex; second joint pubescent; third conical, less than one-fourth of the length of the second. Antennæ pubescent. Abdomen and hind wings whitish. Fore wings with the apical half purple, except along the costa; third inferior vein near the second, very remote from the fourth. Hind wings slightly tinged with purplish along the exterior border. Length of the body 4? lines; of the wings 9 lines.

Lawak, Borneo. In Mr. Saunders' collection.

Genus PHACHTHIA.

Mas. Corpus robustum. Proboscis brevissima. Palpi longi, porrecti; articulus 2us subfimbriatus; 3us gracillimus, 2i dimidio longior. Antennæ læves, graciles. Abdomen alas posticas superans; fasciculus apicalis parvus, subcompressus. Pedes subfimbriati; tibiæ posticæ fasciculo longo, calcaribus quatuor longissimis. Alæ anticæ acutæ, costa subconvexa, margine exteriori angulato.

Male. Stout. Proboscis very short. Palpi porrect, long, slender, extending very far beyond the head; second joint slightly fringed; third very slender, more than half the length of the second. Antennæ smooth, slender. Abdomen extending somewhat beyond the hind wings; apical tuft small, slightly compressed. Legs moderately long; femora and tibiæ slightly fringed; hind tibiæ with a tuft of long curved black hairs and with four extremely long spurs. Wings moderately long and broad. Fore wings acute; costa slightly convex; exterior border distinctly angular.

1. PHACHTHIA LIGNIGERALE.

Mas. Pallidissime lignicolor; alæ punctis marginalibus fuscis; anticæ costam versus obscuriores, litura discali fusca.

Male. Very pale wood-colour. Wings with brown marginal points. Fore wings darkest towards the costa, with a brown discal mark, which is most distinct on the under side. Length of the body 5 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus ERUPA.

Fœm. Corpus sat robustum. Frons subproductus. Proboscis nulla. Palpi labiales connexi, lanceolati, capitis latitudine multo longiores; articulus 3us 2i triente non longior. Palpi maxillares longi-conici, breves. Antennæ sat robustæ. Abdomen alas posticas longe superans. Pedes longi; tibiæ posticæ quadricaratae. Alæ anticæ amplæ, acutæ, vix falcatae, costa basi convexa.

Female. Body rather stout. Front slightly prominent. Proboscis obsolete. Labial palpi connected, lanceolate, very much longer than the breadth of the head; third joint acute, about one-third of the length of the second. Maxillary palpi elongate-conical, about one-third of the length of the labial palpi. Antennæ rather stout. Abdomen extending much beyond the hind wings. Legs smooth, moderately stout, rather long; hind tibiæ with four moderately long spurs. Wings ample, acute. Fore wings hardly falcate; costa convex towards the base; exterior border hardly convex, slightly oblique.

1. ERUPA CHILOIDES.

Fœm. *Testaceo-cinerea, nitens; alæ subiridescentes, linea submarginali e punctis nigris, punctis marginalibus nigris; anticæ linea exteriori e punctis nigris, litura discali e guttis quinque nigris.*

Female. Testaceous-cinereous, shining. Wings slightly iridescent, with a submarginal line of black points; marginal points black. Fore wings with an exterior line of black points; this line is abbreviated hindward and its points are smaller than those of the submarginal line; discal mark large, composed of five irregular black dots. Length of the body 8 lines; of the wings 18 lines.

Brazil. In Mr. Saunders collection.

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CACOEZIA BESSERI.

Besseri, Nowicki.

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SCIAPHILA ? REYNANA.

Reynana, Std.—osseana, De la Harpe.

SCIAPHILA DERIVANA.

derivana, De la Harpe.

SCIAPHILA GRATANA.

gratana, De la Harpe.

Page 228.

OLINDIA LIMONIANA.

limoniana, Mill.

Page 239.

CONCHYLIS MULSANTANA.

Mulsantana, Mill.

CONCHYLIS EXIGUANA.

exiguana, De la Harpe.

CONCHYLIS GRATIOSANA.

gratiosana, De la Harpe.

Page 241.

RETINIA OBESANA.

obesana, De la Harpe.

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PENTHINA DIGITALITANA.

digitalitana, Mühlig.

PENTHINA ARENANA.

arenana, De la Harpe.

PENTHINA REJECTANA.

rejectana, De la Harpe.

PENTHINA MENDOSANA.

mendosana, De la Harpe.

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PÆDISCA LAHARPANA.

Laharpana, — ? De la Harpe.

PÆDISCA DECIPIANA.

decipiana, De la Harpe.

PÆDISCA ABSCONDITANA.

absconditana, De la Harpe.

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GRAPHOLITA LOBARZEWSKII.

Lobarzewsckii, Nowicki.

GRAPHOLITA PICTANA.

pictana, De la Harpe.

GRAPHOLITA GENICULANA.

geniculana, De la Harpe.

GRAPHOLITA INCOMPTANA.

incomptana, De la Harpe.

GRAPHOLITA DENTANA.

dentana, De la Harpe.

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DICHRORAMPHA CHAVANNEANA.

Chavanneana, De la Harpe.

Page 291.

TERAS VIBURNANA.

viburnana, *Clms.* (Peronea).

United States.

Page 308.

TERAS? ACCENSANA.

Mas. *Fusco-cinerea, robusta; palpi porrecti, flexi, caput paullo superantes, articulo 3o conico; antennæ validæ, setulosæ; pedes robusti; alæ anticæ subacutæ, fusco conspersæ, maculis quatuor costalibus fuscis subquadratis, costa subconvexa; margine exteriori perobliquo; posticæ cinereæ.*

Male. Brownish cinereous, stout. Palpi porrect, smooth, extending a little beyond the head; third joint conical, bent inward, forming an angle with the second. Antennæ stout, setulose. Abdomen extending rather beyond the hind wings. Legs smooth, stout. Wings moderately broad. Fore wings minutely speckled with brown, slightly acute; four subquadrate brown spots along the costa, which is very slightly convex; exterior border very oblique. Hind wings cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. New Zealand. Presented by Col. Bolton.

Page 310.

PANDEMIS DISPILANA.

Mas. *Cinereo-fusca; alæ anticæ strigulis plurimis transversis, striga lata obliqua, fascia obliqua plagaque costali exteriori arcuata fuscis; posticæ cinereæ.*

Male. Cinereous-brown, dingy cinereous beneath. Palpi slightly ascending, much shorter than the breadth of the head; third joint conical, about one-sixth of the length of the second. Antennæ stout, pubescent. Fore wings rectangular at the tips, with numerous minute transverse brown streaks, with a broad brown streak, which extends obliquely from the base of the interior border to the disk, with an oblique brown band, and with a brown costal exterior nearly semicircular patch; costa and exterior border almost straight, the latter hardly oblique. Hind wings cinereous. Length of the body 4 lines; of the wings 10 lines.

a. Bootan. Presented by the Secretary of the India Board.

*Page 325.***TORTRIX ROSACEANA.**

rosaceana, *Harris* (Lozotænia).

United States.

TORTRIX CERASIVORANA.

cerasivorana, *Harris* (Lozotænia).

United States.

TORTRIX LASCIVA.

lasciva, *Hb.*

United States.

TORTRIX MALANA.

malana, *Fitch.*

United States.

TORTRIX TRIQUETRANA.

triquetrana, *Fitch.*

United States.

TORTRIX SARTENA.

sartena, *Hb.*

United States.

TORTRIX TUBERCULARIA.

tubercularia, *Hb.*

United States.

TORTRIX RETICULATANA.

reticulatana, *Clms.* (Cræsia?).

United States

TORTRIX SULFUREANA.

sulfureana, *Clms.* (Cræsia?).

United States.

TORTRIX PERSICANA.

persicana, *Fitch* (Cræsia).

United States.

TORTRIX FERVIDANA.

fervidana, *Clms.* (Lozotænia).

United States.

Page 326.

TORTRIX SUBJUNCTANA.

subjunctana, *Wltn.*

Madeira.

Page 329.

TORTRIX CONCLUSANA.

This name must be annulled, as the species is described elsewhere, and is not one of the *Tortricidæ*.

Page 333.

TORTRIX ASHWORTHANA.

Ashworthana, *Nwm.*

Australia.

TORTRIX STANDISHANA.

Standishana, *Nwm.*

Australia.

Page 344.

SCIAPHILA INDIVISANA.

Mas. Cinereo-fusca; palpi vix decumbentes, capitis latitudine paullo breviores, articulo 3o conico; alæ anticæ nigro conspersæ, vix acutæ, linea exterior nigricante obliqua diffusa indistincta antice abbreviata.

Male. Cinereous-brown. Palpi porrect, slightly declining, a little shorter than the breadth of the head; third joint conical, about one-fourth of the length of the second. Antennæ stout, minutely pubescent. Abdomen extending rather beyond the hind wings. Fore wings hardly acute, minutely black-speckled; an indistinct oblique diffuse exterior blackish line, which is abbreviated in front and extends to the interior angle; costa and exterior border hardly

convex, the latter rather oblique. Length of the body 3 lines; of the wings 7 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

Page 353.

SCIAPHILA? DIFFUSANA.

Fœm. Cana, subtus albida; abdomen cinereum; alæ anticae elongatae, apice rotundatae, nigro conspersae, fasciis quatuor diffusis nigricantibus, lineis duabus transversis angulis cinereis, gutta discali nigricante; posticae cinerae.

Female. Hoary. Body whitish beneath. Palpi shorter than the breadth of the head; second joint slightly fringed above; third elongate-conical, less than half the length of the second. Antennæ slender; first joint stout. Abdomen cinereous, extending very little beyond the hind wings. Fore wings elongate, rounded at the tips, thickly speckled with black, with four diffuse blackish bands, of which the second and the third are more conspicuous than the other two; a zigzag cinereous line between the first and second bands, and another between the third and fourth bands; a blackish discal dot between the second and third bands; costa hardly convex; exterior border slightly convex, moderately oblique. Hind wings cinereous. Length of the body $4\frac{1}{2}$ lines; of the wings 13 lines.

a. South Australia. Presented by R. Bakewell, Esq.

Page 357.

SCIAPHILA INFINAMA.

Mas. Cinerea; palpi albidii; antennæ articulis 1o et 2o longis robustis, 2o subclavato; alæ anticae angustae, elongatae, vix acutae, fusco conspersae.

Male. Cinereous. Palpi whitish, porrect, a little longer than the breadth of the head; second joint with a short fringe; third elongate-conical, not more than one-fourth of the length of the second. Antennæ smooth; first and second joints long, stout; second subclavate. Abdomen extending beyond the hind wings. Wings narrow, elongate. Fore wings hardly acute, transversely and diffusely speckled with brown; costa and exterior border straight, the latter moderately oblique. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a, b. New Zealand. Presented by Col. Bolton.

Page 360.

CONCHYLIS QUERCIFOLIANA.

quercifolia, *Fitch* (*Argyrolepia*).

United States.

CONCHYLIS ANGUSTANA.

angustana, *Clms.* (*Lozopera*?).

United States.

CONCHYLIS LEPIDANA.

lepidana, *Clms.* (*Argyrolepia*).

United States.

Page 369.

Conchylis bimaculana—*Æcophora bimaculana*, p. 675.

CONCHYLIS SEMIRECTANA.

Fœm. *Argenteo-alba; thorax fascia lata æneo-fusca; abdomen pallide ochraceum; alæ anticæ latæ, subacutæ, fasciis sex æneo-fuscis, 4a interrupta, 5a antice furcata, 6a marginali; posticæ pallide ochraceæ.*

Female. Silvery white. Palpi porrect, shorter than the breadth of the head; third joint very minute. Antennæ about half the length of the fore wings. Thorax with a broad æneous-brown band. Abdomen and hind wings pale ochraceous. Wings broad. Fore wings slightly acute, with six æneous-brown bands; fourth band widely interrupted in front; fifth forked in front, the outer fork sometimes interrupted; sixth marginal, extending nearly to the fifth, where the latter occupies the hind part of the exterior border. Length of the body 3 lines; of the wings 9 lines.

a, b. Sydney. From Mr. Diggles' collection.

CONCHYLIS ALBIDANA.

Alba; alæ anticæ subacutæ, fascia media angusta obliqua postice abbreviata guttaque apicali elongata cervinis.

White, shining, cinereous beneath. Fore wings slightly acute, with a narrow oblique fawn-coloured middle band, which is abbreviated towards the interior border; an elongated fawn-coloured

apical dot; costa and exterior border straight, the latter moderately oblique. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Sydney From Mr. Lambert's collection.

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PENTHINA ? NERIANA.

neriana, *Bd.*

Bourbon. Mauritius.

PENTHINA NIMBATANA.

nimbatana, *Clms.* (*Antithesia*).

United States.

PENTHINA BIPARTATANA.

bipartatana, *Clms.* (*Antithesia*).

Massachusetts.

PENTHINA CORUSCANA.

coruscana, *Clms.* (*Antithesia*).

United States.

PENTHINA POMONELLA.

pomonella, *Harris.*

United States.

PENTHINA OCLANA.

oculana, *Harris.*

United States.

Genus ECCOPSIS.

Eccopsis, *Zl.*

ECCOPSIS WAHLBERGIANA.

Wahlbergiana, *Zl.*

South Africa.

*Page 380.***PÆDISCA SIMULANA.****simulana, Clms. (Halonota).****Baltimore.****PÆDISCA INCANANA.****incanana, Clms. (Halonota).****United States.***Page 387.***GRAPHOLITA INTERSTINCTANA.****interstinctana, Clms. (Stigmonota).****United States.****GRAPHOLITA SPIRÆÆFOLIANA.****spirææfoliana, Clms. (Anchylopera).****United States.****GRAPHOLITA NUBECULANA.****nubeculana, Clms. (Anchylopera).****United States.****GRAPHOLITA COSTOMACULANA.****costomaculana, Clms. (Anchylopera).****United States.****GRAPHOLITA PLATANANA.****platanana, Clms. (Anchylopera).****United States.****GRAPHOLITA STRIATANA.****striatana, Clms. (Anchylopera).****United States.****GRAPHOLITA DORSISIGNATANA.****dorsisignatana, Clms. (Pæcilochroma ?).****United States.**

GRAPHOLITA SIMILIANA.

similiana, *Clms.*—dorsisignatana, *fœm.* ?

United States.

GRAPHOLITA PYRIFOLIANA.

pyrifoliana, *Clms.* (Hedya).

United States.

GRAPHOLITA SCUDDERIANA.

Scudderiana, *Clms.* (Hedya).

Massachusetts.

GRAPHOLITA ARGUTANA.

argutana, *Clms.* (Bactra ?)

United States.

GRAPHOLITA VITEANA.

viteana, *Clms.* (Endopisa ?).

United States.

GRAPHOLITA AGILANA.

agilana, *Clms.* (Endopisa ?).

United States.

Page 388.

GRAPHOLITA MADERÆ.

Maderæ, *Wltn.*

Madeira.

GRAPHOLITA STAGNICOLANA.

stagnicolana, *Zl.* (Bactra).

South Africa.

GRAPHOLITA CONFERTANA.

Cuprea ; alæ anticæ strigis septem anticis obliquis albis.

Cupreous. Fore wings with seven white streaks, which extend from the costa to the disk and commence at one-third of the length of the former ; first, second and third streaks more oblique than the four following streaks ; four slightly oblique streaks extending to

LEPIDOPTERA HETEROCERA.

the disk from the interior border; first and second more than the third and fourth. Length of the body $1\frac{1}{2}$ line; of legs 4 lines.

Sierra Leone. Presented by the Rev. D. F. Morgan.

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GRAPHOLITA DENTATANA.

Mas. *Cinereo-fusca; antennae subserratae; alae anticae acutae, vitta discali alba undulata extus fusco conspersa, gine exteriori perobliqua; posticae cinerae.*

Male. Cinereous-brown. Palpi stout, porrect, as long as breadth of the head; second joint pilose beneath; third minute. Antennae very minutely serrated. Fore wings hardly acute, with a white irregular undulating discal stripe, speckled with brown exteriorly; exterior border very oblique. Hind wings cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

Sydney. From Mr. Lambert's collection.

GRAPHOLITA ABNEGATANA.

Mas. *Cinerea, gracilis; palpi porrecti, capitis latitudine breviores, articulo 2o late fimbriato, 3o conico minimo; antennae pubescentes, subcrenulatae; alae anticae vix acutae, conspersae, ochraceo suffusae.*

Male. Cinereous, slender. Palpi porrect, as long as breadth of the head; second joint broadly fringed above; third minimal, very minute. Antennae pubescent, minutely crenulate, half the length of the fore wings. Abdomen extending beyond the hind wings. Legs slender. Wings moderately broad. Fore wings hardly acute, speckled with brown, suffused with ochraceous; costa and exterior border straight, the latter oblique. Length of the body $2\frac{1}{2}$ lines; of the wings $6\frac{1}{2}$ lines.

New Zealand. Presented by Col. Bolton.

Page 412.

CARPOCAPSA TRAJECTANA.

Ms. *Fusca, cinereo varia, subtus flavescens; palpi penicillo flavescente; alæ anticæ plaga discali interiore diffusa albida annulo exteriori et punctis nigris; posticæ pallide luteæ.*

Male. Brown, silky, varied with cinereous, pale yellowish beneath. Front prominent. Palpi slightly decumbent, almost as long as the breadth of the head, with a thick penicillate pale yellowish fringe above. Antennæ very minutely pubescent, slightly incrassated at the base. Fore wings rectangular at the tips, with a diffuse whitish patch in the disk near the base, and with several black points, most of which form a circle, the latter is partly contiguous to the exterior and interior borders; costa and exterior borders slightly convex, the former slightly reflexed towards the base, the latter slightly oblique. Hind wings pale luteous. Length of the body 2 lines; of the wings 6 lines.

a. Sydney. From Mr. Diggles' collection.

Page 413.

HEMEROSIA PARMATANA.

parmatana, Clms. (Ephipphora).

United States.

HEMEROSIA CARYANA.

caryana, Fitch (Ephipphora).

United States.

Genus AMORBIA.

Amorbia, Clms.

1. AMORBIA HUMEROSANA.

humerosana, Clms.

United States.

Genus DYSODIA.

Dysodia, Clms.

LEPIDOPTERA HETEROCEA.

DYSODIA OCULATANA.

oculata, *Cms.*
Philadelphia.

Genus PLATYNOTA.

Platynota, *Cms.*

PLATYNOTA SENTANA.

sentana, *Cms.*
United States.

PLATYNOTA FLAVEDANA.

flavedana, *Cms.*—sentana, var. ?
United States.

Genus MONOSPHRAGIS.

Monosphragis, *Cms.*

1. MONOSPHRAGIS OTIOSANA.

otiosana, *Cms.*
United States.

Genus CŒLOSTATHMA.

Cœlostathma, *Cms.*

1. CŒLOSTATHMA DISCOPUNCTANA.

discopunctana, *Cms.*
United States.

Genus SMICROTES.

Smicrotes, *Cms.*

1. SMICROTES PERITANA.

peritana, *Cms.*
United States.

Genus EXARTEMA.

Exartema, *Cms.*

1. EXARTEMA NITIDANA.

nitidana, *Clms.*

United States.

2. EXARTEMA PERMUNDANA.

permundana, *Clms.*

United States.

3. EXARTEMA VERSICOLORANA.

versicolorana, *Clms.*

United States.

4. EXARTEMA INORNATANA.

inornatana, *Clms.*

United States.

5. EXARTEMA FASCIATANA.

fasciatana, *Clms.*

United States.

Genus JOPLOCAMA.

Joplocama, *Clms.]*

1. JOPLOCAMA FORMOSANA.

formosana, *Clms.*

Illinois.

*Page 426.**For 1. HEMINIA ORBIFERANA read 1. HEMONIA ORBIFERANA.**Page 434.*

TOSPITIS ILLATALIS.

Mas. Pallide ochracea; antennæ subpubescentes; abdomen fusco-cinereum; alæ anticæ acutæ, nigro subconspersæ, punctis duobus discalibus nigris, linea exteriori transversa fuscescente non obliqua; posticæ fusco-cinereæ.

Male. Pale ochraceous, stout. Palpi smooth, slender, porrect, extending a little beyond the head; third joint lanceolate, shorter than the second. Antennæ rather stout, indistinctly pubescent.

Abdomen and hind wings brownish cinereous. Fore wings acute, with a few minute black speckles; two black points in the disk; one before the middle, nearer the costa than the second, which is much beyond the middle; a brownish transverse more exterior line, which extends from near the costa to the interior angle and is not oblique. Length of the body 3 lines; of the wings 7 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

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TORDA RENSELARIANA.

Cryptolechia Renselariana, p. 712.

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Genus THAPAVA.

Mas. Corpus sat robustum. Palpi validi, lanceolati, squamosi, porrecti, sat longi; articulus 3us 2i dimidio brevior. Antennæ pectinatæ. Abdomen alas posticas superans. Pedes robusti. Alæ anticæ squamosæ, apice rotundatæ, margine exteriori postico perobliquo.

Male. Body moderately stout. Proboscis obsolete (?). Palpi lanceolate, porrect, stout, roughly squamous, longer than the breadth of the head; third joint less than half the length of the second. Antennæ moderately pectinated; branches stout. Abdomen extending beyond the hind wings. Legs stout; spurs long. Fore wings squamous, rounded at the tips; costa straight; exterior border convex, very oblique hindward.

1. THAPAVA NATALANA.

Mas. *Nigricans*; abdomen cinereum; alæ anticæ obscure cupreæ, fuscis tribus diffusis indeterminatis purpurascensibus, guttis quatuor costalibus unaque apud angulum interiorem flavescens, fimbria flavescens biguttata; posticæ cinereo-fuscæ.

Male. Blackish. Body beneath and abdomen cinereous. Fore wings dark cupreous, with three irregular diffuse purplish bands; costa with a yellowish dot in the middle, and with three yellowish dots near the tip; two yellowish dots on the fringe and

one by the interior angle. Hind wings cinereous-brown, whitish along the costa. Length of the body 4 lines; of the wings 10 lines.

α. Port Natal. From M. Gueinzus' collection.

Genus SAVOCA.

Fœm. Corpus sat robustum. Proboscis conspicua. Palpi porrecti, capitis latitudine vix breviores; articulus 1us subarcuatus, subclavatus, subfimbriatus; 3us brevissimus. Abdomen alas posticas superans. Pedes læves; tibiæ posticæ quadricalcaratæ. Alæ anticæ sat angustæ, vix acutæ, costa recta, margine exteriori convexo, obliquo.

Female. Body rather stout. Proboscis distinct. Palpi porrect, nearly as long as the breadth of the head; second joint slightly curved, increasing in breadth from the base to the tip, slightly fringed above; third extremely short. Abdomen extending beyond the hind wings. Legs smooth; hind tibiæ with four moderately long spurs. Fore wings rather narrow, hardly acute; costa straight; exterior border convex, moderately oblique.

1. SAVOCA SARAWAKANA.

Fœm. Cervina, subtilus sordide cinerea; abdomen cinereum; alæ anticæ apud margines cinereæ, lineis plurimis fuscis denticulatis diffusis, squamis nonnullis nigris, punctis marginalibus fuscis; posticæ subæneo-cinereæ.

Female. Fawn-colour, dingy cinereous beneath. Abdomen cinereous. Fore wings mostly cinereous along the exterior and interior borders, with many brown denticulated somewhat diffuse transverse lines, of which a few are accompanied by some black scales, and are thereby more distinct than the others; marginal points brown; fringe interlined. Hind wings cinereous, with a slight æneous tinge. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

α. Sarawak, Borneo. From Mr. Wallace's collection.

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SIMAETHIS ONUSTANA.

Mas. Ferruginea; palpi acuti, subtilus dense fimbriati; antennis setosæ; alæ anticæ apice rotundatæ, guttis nonnullis chalybri

micantibus nigro cinctis, fasciis duabus indeterminatis sub-arcuatis albidis, striga basali chalybea, fimbria cinereo marginalata.

Male. Ferruginous. Palpi acute, not longer than the breadth of the head, with a long dense fringe beneath; third joint lanceolate, shorter than the second. Antennæ setose. Fore wings rounded at tips, with two irregular whitish slightly curved bands, and with several glittering chalybeous black-bordered dots; first band before middle, more oblique than the second, which is beyond the middle; a chalybeous streak along the basal part of the costa; fringe bordered by two cinereous lines. Length of the body 2 lines; of wings 6 lines.

Nova Scotia. From Lieut. Redman's collection.

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SIMAETHIS ? ABSTITELLA.

Form. *Cuprea; caput pectus et abdomen cinerea; palpi ascendentes, capitis latitudine paullo breviores, articulo 2o fimbriato, 3o lineari; antennæ albido annulatæ; alæ anticæ latiusculæ, vix acutæ, fasciis quatuor diffusis albidis, linea angulosa concisa alba.*

Female. Bright cupreous. Head, palpi, pectus and abdomen cinereous. Palpi obliquely ascending, a little shorter than the breadth of the head; second joint fringed beneath; third linear. Antennæ very slender, with whitish rings. Wings rather broad. Fore wings hardly acute, with four diffuse whitish bands; first, second and third bands before the middle; fourth exterior, bounded on the inner side by a concise zigzag white line. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

New Zealand. Presented by Col. Bolton.

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CHOREUTIS AUSTRALIS.

Australis, Zl.

South Africa.

P 3

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OROSANA ? CARPOCAPSELLA.

Fœm. *Schistacea ; palpi verticem non superantes ; antennæ graciles ; alæ anticæ apice rotundatæ, strigis transversis fuscis integris et interruptis, spatio exteriori subcupreo, punctis tribus marginalibus atris cupreo marginatis ; posticæ luteæ, cupreo late marginatæ.*

Female. Slaty cinereous, stout, smooth. Palpi smooth, erect, not rising higher than the vertex ; second joint curved ; third straight, lanceolate, shorter than the second. Antennæ slender. Fore wings rounded at the tips, with several brown transverse streaks, which are interrupted towards the base, but are complete in the exterior part, and form the ground hue along the exterior border ; exterior cinereous part and fringe tinged with cupreous ; three deep black cupreous-bordered points along the hind part of the exterior border. Hind wings luteous, with a very broad dark cupreous border, which is excavated on the inner side ; fringe partly luteous. Length of the body $2\frac{1}{2}$ lines ; of the wings 7 lines.

a. Moreton Bay. From Mr. Diggles' collection.

OROSANA ? PERCUSSANA.

Mas. *Cupreo-nigricans ; alæ anticæ apice subrotundatæ, lineis transversis cinereis ex parte chalybæis, strigis submarginalibus cinereis minimis, guttis marginalibus atris ex parte chalybæo marginatis ; posticæ fimbria pallide cinerea.*

Male. Cupreous-blackish. Body cinereous beneath. Palpi erect, smooth, slender, hardly rising higher than the vertex ; second joint slightly curved ; third lanceolate, a little shorter than the second. Antennæ rather long and stout, minutely setulose and pubescent. Fore wings slightly rounded at the tips ; some transverse cinereous lines, a few of which are chalybeous hindward ; disk near the exterior border with extremely minute longitudinal cinereous streaks ; marginal dots deep black, partly chalybeous-bordered ; exterior border slightly convex, moderately oblique. Hind wings with a pale cinereous fringe. Length of the body 3 lines ; of the wings 7 lines.

a. Tasmania. From the Entomological Society's collection.

OBOSANA? BEATELLA.

Mas. *Schistacea, crassa; palpi verticem non superantes; abdomen auratum; tibiæ posticæ subfimbriatæ; alæ anticæ vix acutæ, lineis transversis fuscescentibus interruptis, plagis duabus purpureo-fuscis, punctis atris marginalibus, linea marginali purpurea; posticæ aurato-flavæ, cupreo marginatæ.*

Male. Slaty cinereous, thick, smooth, squamous. Palpi smooth, curved, not rising higher than the vertex; third joint lanceolate, much shorter than the second. Antennæ smooth, rather shorter than the fore wings. Abdomen gilded, extending a little beyond the hind wings. Legs stout, smooth; hind tibiæ slightly fringed. Fore wings hardly acute, with several brownish interrupted transverse lines, and with two dark brown purple-tinged patches; first patch extending from the interior border to the interior disk; second much larger than the first, extending from the interior angle to the disk; exterior border slightly convex and oblique, with deep black points and with a purple marginal line; costa convex towards the base. Hind wings gilded yellow; interior border and exterior border cupreous. Length of the body 3 lines; of the wings 8 lines.

This species has some resemblance to a *Carpocapsa*.

a. Australia. From Mr. Diggles' collection.

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Genus INAPHA.

Mas. Corpus sat robustum. Caput convexum, antice subquadratum. Proboscis longiuscula. Antennæ glabræ, longiusculæ. Abdomen alas posticas sat superans. Pedes læves, validi; tibiæ posticæ pilosæ; calcaria longissima. Alæ anticæ elongatæ, acutæ, margine exteriore subexcavato vix obliquo.

Allied to *Simaethis*. **Male.**—Body rather stout. Head very convex above, subquadrate in front. Proboscis rather long. Antennæ smooth, rather long, much shorter than the fore wings. Abdomen extending rather beyond the hind wings. Legs smooth, stout; spurs very long; hind tibiæ pilose. Wings elongate, moderately broad. Fore wings acute; exterior border slightly curved inward, hardly oblique.

1. *INAPHA LAMPRONIALIS*.

Mas. *Purpureo-cuprea; caput flavum; antennæ pallide flavae, apices versus argenteo-albæ; alæ anticæ macula trigona liturisque tribus costalibus exterioribus flavis.*

Male. Purplish cupreous. Head yellow. Antennæ pale yellow, silvery white towards the tips. Abdomen brownish. Legs pale yellow; tibiæ with purplish cupreous tips. Wings with a cinereous marginal line. Fore wings with a yellow triangular spot which extends from the costa before the middle to the disk, where it forms an acute angle; three more exterior elongate yellow costal marks; first and second very small; third moderately large. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus *DUDUA*.

Mas. Corpus robustum. Proboscis brevis, gracilis. Palpi porrecti, validi, squamosi, caput vix superantes; articulus 2us subarcuatus; 3us minimus. Antennæ validæ, subsetulosæ. Abdomen alas posticas paullo superans; fasciculus apicalis subradiatus. Pedes crassi, brevissimi; tibiæ posticæ late fimbriatæ. Alæ anticæ latæ, subacutæ, margine exteriori subconvexo perobliquo.

Male. Body stout. Proboscis short, slender. Palpi porrect, stout, squamous, hardly extending beyond the head; second joint very slightly curved; third extremely small, not more than one-eighth of the length of the second. Antennæ stout, very minutely setulose. Abdomen extending a little beyond the hind wings; apical tuft slightly radiating. Legs very short and stout; hind tibiæ broadly fringed. Wings broad, not long. Fore wings slightly acute; exterior border slightly convex, very oblique.

1. *DUDUA HESPERIALIS*.

Mas. *Obscure cupreo-fusca; alæ anticæ lineis nonnullis transversis indeterminatis chalybæis, punctis costalibus albis.*

Male. Dark cupreous-brown, more cupreous beneath. Fore wings with several transverse very irregular chalybeous lines; costa with some white points. Hind wings dark cupreous. Length of the body 5 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus CHALENATA.

Fœm. Corpus gracile. Palpi porrecti, læves, caput non superantes; articulus 3us minimus. Antennæ validæ. Abdomen alas posticas non superans. Alæ latiusculæ; anticæ apice rotundatæ, margine exteriore convexo perobliquo.

Female. Body slender. Palpi porrect, smooth, not extending beyond the head; third joint extremely small. Antennæ stout. Abdomen not extending beyond the hind wings. Wings rather broad. Fore wings rounded at the tips; costa straight; exterior border convex, very oblique.

This genus is referred with doubt to the *Choreutidæ*. It has some resemblance to the *Acidalidæ* in the *Geometrites*.

1. CHALENATA MICACELLA.

Fœm. Nigro-fusca; alæ lineis plurimis indeterminatis e atomis chalybæis micantibus.

Female. Blackish brown. Wings with several undulating irregular incomplete lines composed of very minute glittering chalybeous speckles. Length of the body $1\frac{3}{4}$ line; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

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TINEA BIFLAVIMACULELLA.

biflavimaculella, *Clms.*

United States.

TINEA DORSISTRIGELLA.

dorsistrigella, *Clms.*

United States.

TINEA CROCICAPITELLA.

crocicapitella, *Clms.*

United States.

TINEA CARNARIELLA.carnariella, *Clms.*

United States.

TINEA LANARIELLA.lanariella, *Clms.*

United States.

TINEA NUBILIPENNELLA.nubilipennella, *Clms.*

United States.

TINEA VARIATELLA.variatella, *Clms.*

United States.

TINEA AFFLICTELLA.

Fœm. Nigro-cinerea; caput hirsutum; palpi porrecti; abdomen obscure cinereum; alæ anticæ angustæ, apice rotundatæ, lineis tribus nigris punctularibus, 1a subcostali, 2a 3aque posticis; posticæ obscure cinereæ.

Female. Blackish cinereous, slender. Head thickly clothed with short erect hairs. Palpi smooth, porrect, nearly as long as the breadth of the head; third joint acute, a little shorter than the second. Antennæ much shorter than the fore wings. Abdomen dark cinereous, extending for nearly its whole length beyond the hind wings. Legs long, slender. Wings narrow, with a very long fringe. Fore wings rounded at the tips, with three lines of black points, one near the costa, the other two near the interior border; exterior border very oblique. Hind wings dark cinereous. Length of the body 4 lines; of the wings 12 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

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TINEA IRRORELLA.irrorella, *Wltn.*

Madeira.

LEPIDOPTERA HETEROCERA.

TINEA ABRUPTELLA.

ruptella, Wltn.

adeira. Porto Santo.

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TINEA IGNOTELLA.

Form. *Cupreo-fusca; palpi capitis latitudine non long articulo 3o lanceolato; abdomen alas posticas longissime rans; tibiæ posticæ subfimbriatæ, guttis duabus discis nigricantibus; posticæ cinereæ.*

Female. Cupreous-brown, cinereous beneath. Palpi ele longer than the breadth of the head; third joint lanceola g as the second. Abdomen cinereous, extending very far be hind wings. Hind tibiæ slightly fringed. Wings na ngate. Fore wings slightly acute, with two blackish discal which the fore one is beyond the middle, and the hind one le nearer the base; exterior border extremely oblique. gs cinereous. Length of the body 3 lines; of the 1 lines.

Sierra Leone. From Mr. Foxcroft's collection.

TINEA REJECTELLA.

Cinereo-fusca; palpi porrecti, breves, graciles; alæ anticae ang acutæ, vitta postica abbreviata pallide flava; posticæ cin

Cinereous-brown. Body beneath, abdomen and legs cine lpi porrect, short, slender. Wings narrow. Fore wings a pale yellow stripe along the interior border, not extending t erior angle; exterior border slightly convex and oblique.

gs cinereous. Length of the body 2 lines; of the wings 5

Cape. From M. Dregé's collection.

TINEA INOULTELLA.

Alba; caput supra fasciculatum; palpi graciles, breves 3o nigricante brevissimo; thorax fusco con spersus; angustæ, fusco nigroque subconspersæ, apice sal fasciis tribus indeterminatis fuscis.

White. Head tufted above with short erect hairs. Palpi smooth, slender, not extending beyond the head; third joint blackish, very short. Antennæ slender, a little more than half the length of the fore wings. Thorax speckled with brown. Fore wings narrow, slightly rounded at the tips, slightly speckled with brown and black, three indeterminate brown bands; second and third more incomplete and irregular than the first; exterior border slightly convex, rather oblique. Length of the body 3? lines; of the wings 8 lines.

a. Cape. From M. Dregé's collection.

Page 481.

TINEA LONGICORNIS.

longicornis, Sta.

Calcutta.

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TINEA STRIGATELLA.

strigatella, Dn.

New South Wales.

TINEA INCONCISELLA.

Fœm. *Pallide ochracea; palpi pilosi, vix ascendentes, articulus 3o lanceolato; antennæ validæ; alæ anticæ angustæ, apicibus strigulis plurimis transversis ferrugineis, squamis nonnullis guttisque tribus nigris; posticæ pallide cinereæ.*

Female. Pale dull ochraceous, cinereous beneath. Palpi hardly ascending, extending a little beyond the head; second joint pilose; third lanceolate, much shorter than the second. Antennæ rather stout. Thorax very thickly black-speckled. Abdomen pale cinereous, extending much beyond the hind wings; oviduct exserted. Fore wings narrow, somewhat rough, hardly acute, with many minute transverse ferruginous streaks; several black scales, some of which form three dots, one basal, the other two in the disk before the middle, one of them near the interior border. Hind wings pale cinereous. Length of the body 4 lines; of the wings 8 lines.

a. Ceylon. Presented by Dr. Templeton.

TINEA ARENATELLA.

Fœm. *Albido-cinerea; palpi porrecti, articulo 2o subtus fimbriato, 3o lanceolato; alæ anticæ angustæ, acutæ, nigricante conspersæ et subplagiatae.*

Female. Whitish cinereous, slender. Palpi slender, porrect, extending very little beyond the head; second joint fringed beneath; third lanceolate, as long as the second. Antennæ very slender, less than half the length of the fore wings. Abdomen extending very much beyond the hind wings. Legs smooth. Fore wings narrow, white, irregularly blackish speckled; speckles here and there concentric and forming small patches. Length of the body 2 lines; of fore wings 6 lines.

Ceylon. Presented by Dr. Templeton.

TINEA? EGENELLA.

Fœm. *Cinerea; palpi pilosi, oblique ascendentes, verticem non superantes; antennæ validæ, setulosæ; alæ anticæ apice rotundatæ, guttis plurimis fuscis diffusis indeterminatis.*

Female. Cinereous, stout. Palpi obliquely ascending, not rising higher than the vertex; second joint pilose; third very short and slender. Antennæ stout, very minutely setulose. Fore wings rather short and broad, rounded at the tips, with many diffuse regular brown dots; costa slightly convex towards the base; external border moderately oblique. Length of the body $2\frac{1}{2}$ lines; of fore wings 6 lines.

Ceylon. Presented by Dr. Templeton.

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TINEA VIVIPARA.

vivipara, Hon. A. W. Scott.

Australia.

TINEA CECOPHOROIDES.

Nivea; caput hirsutum; palpi nigricantes, capitis latitudine non longiores, articulo 3o lanceolato; abdomen cinereum; alæ anticæ sat angustæ, apice rotundatæ, punctis costalibus et marginalibus strigisque interruptis nigris, basi fasciisque duabus latis subconnexis cupreis; posticæ cupreæ.

Pure white. Head with short erect hairs. Palpi slender, mostly blackish, not longer than the breadth of the head; third joint lanceolate, much shorter than the second. Antennæ black, rather stout. Abdomen cinereous. Fore wings rather narrow, rounded at the tips, with a few black points in the disk and along the costa; some longitudinal interrupted black streaks towards the exterior border; base cupreous; two cupreous bands; first band broad, irregular, slightly connected with the second; second very broad, extending to the exterior border, including some white streaks which are contiguous to the black streaks; exterior border very oblique. Hind wings cupreous, paler along the costa; fringe gilded yellow. Length of the body 3 lines; of the wings 8 lines.

a. Moreton Bay. From Mr. Diggles' collection.

TINEA ADJUNCTELLA.

Cupreo-ferruginea; caput inter oculos et thorax antice alba; palpi fusci, porrecti, capitis latitudine breviores, articulo 2o subfimbriato, 3o subclavato apice albo; alæ anticæ fasciis tribus albis, 1a lata basali, 2a 3aque excavatis puncta fusca includentibus; posticæ cupreæ, fimbria aurato-flava.

Cupreous-ferruginous, yellowish cinereous beneath. Head between the eyes and fore part of the thorax white. Palpi dark brown, porrect, slender, shorter than the breadth of the head; second joint slightly fringed; third subclavate, white above towards the tip and beneath, more than half the length of the second. Fore wings with three white bands; first band broad, very near the base; second and third irregular, excavated, and containing some brown points. Hind wings cupreous-whitish along the costa; fringe pale gilded yellow. Length of the body 3 lines; of the wings 7 lines.

This species and *T. conjunctella* may be identical.

a. Moreton Bay. From Mr. Diggles' collection.

TINEA MYSTACINELLA.

Fœm. Alba; caput fasciculo porrecto penicillisque duobus lateralibus; palpi pallide flavescens; pedes anteriores nigricantibus vittati; alæ anticæ apice rotundatæ, lituris posticis nigricantibus, strigis tribus costalibus obliquis plagaque apicali strigibus duas atras includente cervinis; posticæ pallide cinerea.

LEPIDOPTERA HETEROCERA.

Female. White. Head with a porrect frontal tuft and w-shaped tuft on each side. Proboscis very short. Palpi brownish, smooth, slender, decumbent, shorter than the breadth of head; third joint lanceolate, hardly half the length of the second joint, shorter than the fore wings. Anterior legs with black tips. Wings narrow. Fore wings rounded at the tips, with several irregular blackish marks along two-thirds of the length of the interior border, with three oblique fawn-coloured costal streaks and with a fawn-coloured apical patch, which contains two curved black streaks. Hind wings pale cinereous; fringe very short. Length of the body 3 lines; of the wings 7 lines.

Moreton Bay. From Mr. Diggles' collection.

TINEA COMPTELLA.

Max. *Pallide flavo; caput posticum purpureo marginatum; thorax purpureus; alae anticae apice rotundatae, basi et costali fascisque duabus connexis purpureis; posticae cupreo.*

Male. Pale yellow, smooth, broad, purplish cupreous beneath and flat, very short, dark purple on each side and behind. Palpi erect, smooth, slender, extending a little beyond the head; third joint elongate-conical, shorter than the second. Antennae smooth, thorax dark purple. Fore wings rounded at the tips, dark purple at the base and with two dark purple bands; first band oblique, broadest in front; second curved, joining the middle of the first; a costal streak extending from the base nearly to the apex. Hind wings cupreous. Length of the body 4 lines; of the wings 10 lines.

Tasmania. From Mr. A. J. Smith's collection.

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TINEA BISIGNELLA.

Fem. *Cupreo-fusca; caput antice pilosum, flavescens; palpi breves, graciles; alae anticae angustae, apice rotundatae, costali albida.*

Female. Cupreous-brown, slender. Head yellowish at front. Palpi short, smooth, slender. Antennae as long as the fore wings. Abdomen long. Wings narrow. Fore wings rounded at the tips, with a whitish

the costa beyond the middle; exterior border convex, oblique. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Auckland, New Zealand. From Mr. Oxley's collection.

TINEA FUSILELLA.

Mas. Cuprea; palpi brevissimi; antennæ glabræ, sat validæ; pedes longiusculi, sat graciles; ala anticæ angustæ, apice rotundatæ, vitta subfusiformi alba, fascia exteriori diffusæ albida.

Male. Cupreous. Head with very short hairs. Palpi very short. Antennæ smooth, rather stout, much shorter than the fore wings. Abdomen extending for nearly its whole length beyond the hind wings. Legs rather long and slender. Wings narrow. Fore wings rounded at the tips, with a white subfusiform stripe extending from the base near the interior border to near the middle, where it is connected with a diffuse whitish band; exterior border extremely oblique. Length of the body 3 lines; of the wings 8 lines.

a. New Zealand. Presented by Col. Bolton.

TINEA MAORIELLA.

Fœm. Cinerea, nitens; caput album; palpi brevissimi; ala anticæ apice rotundatæ, linea basali brevi transversa fasciisque duabus obscure cinereis, fasciis nigro unipunctatis.

Female. Cinereous, shining. Head white. Palpi very short. Fore wings rounded at the tips, with a short transverse dark cinereous line near the base, and with two dark cinereous bands, each of which contains a black point; space along the exterior border with black speckles. Length of the body 1 line; of the wings $2\frac{1}{2}$ lines.

a—c. New Zealand. Presented by Col. Bolton.

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INCURVARIA RUSSATELLA.

russatella, *Clms.*

United States.

LEPIDOPTERA HETEROCERA.

INCURVARIA ACHIRIFOLIELLA.

achirifoliella, *Fitch.*
United States.

Page 507.

Genus COMPSOCTENA.

compsoctena, *Zl.*

1. COMPSOCTENA PRIMELLA.

primella, *Zl.*
Fitch.

Genus BRACHYTÆNIA.

brachytænia, *St.*

BRACHYTÆNIA VIGILACIELLA.

vigilaciella, *Fitch.*
United States.

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For Genus 33. EDDARA (nomen bis lectum) read (
AZIRA.

For 1. EDDARA XYLINELLA read 1. BAZIRA XYLINELL

Page 524.

1. RUPELA ALBINELLA.

albinella, *Cr.—nivea, p. 524.*
arivana.

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Genus PATULA.

patula, *Bruend.*

1. PATULA ASPERIPUNCTELLA.

asperipunctella, *Bruend.*

Genus **CHRYSOPORA.**

Chrysopora, Clms.—Nomia, Clms. olim.

1. **CHRYSOPORA LINGULACELLA.**

lingulacella, Clms.

United States.

Genus **XYLESTHIA.**

Xylesthia, Clms.

1. **XYLESTHIA PRUNIRAMIELLA.**

pruniramiella, Clms.

United States.

Genus **AMYDRIA.**

Amydria, Clms.

1. **AMYDRIA EFFRENTELLA.**

effrentella, Clms.

United States.

Genus **ANAPHORA.**

Anaphora, Clms.

1. **ANAPHORA POPEANELLA.**

popeanella, Clms.

United States.

2. **ANAPHORA PLUMIFRONTELLA.**

plumifrontella, Clms.

United States.

3. **ANAPHORA ARCANELLA.**

arcanella, Clms.

United States.

Genus **DIACHORISIA.**

Diachorisia, Clms.

LEPIDOPTERA HETEROCERA.

1. *DIACHORISIA VELATELLA*.

velatella, *Cms.*

United States.

Genus *EUDARCIA*.

Eudarcia, *Cms.*

This genus is referred with doubt to the *Tineida*.

1. *EUDARCIA STIMULATRICELLA*.

stimulatricella, *Cms.*

United States.

Genus *TONZA*.

Mas. Corpus gracile. Caput prominulum. frontalis conicus. Proboscis nulla. Palpi graciles, læve vix ascendentes; articulus 3us lanceolatus, 2o vix brevior. glabræ, alis anticis non breviores. Pedes læves, gracillim longissima. Alæ anticæ longæ, apice subrotundatæ.

Male. Body slender. Head prominent. Frontal tu extending somewhat beyond the head. Proboscis obsolete porrect, hardly ascending, smooth, slender, extending to head; third joint lanceolate, nearly as the second. Antennæ full as long as the fore wings. Abdomen extending beyond the hind wings. Legs smooth, very slender; long. Wings long. Fore wings slightly rounded and slightly widening from the base to the interior angle; externally slightly oblique, hardly concave.

Type, *T. purella*.

1. *TONZA PURELLA*.

Mas. Subflavescens-nivea; abdomen nigrum; cinereo transverse conspersa, puncto subapicali nigro fusca; postica nigræ.

Male. Pure white. Thorax and fore wings with yellowish tinge. Fore wings transversely marked with a subapical black point; fringe brown. Length 3 lines; of the wings 9 lines.

a, b. Moreton Bay. From Mr. Diggles'

Wings with
speckled
Length
Collection

2. TONZA? CIRCUMDATELLA.

Mas. *Alba*; fasciculus frontalis subtus ochraceus; palpi lineares, oblique ascendentes, capitis latitudine plus duplo longiores, articulo 3o brevi subtus ochraceo; antennæ subcrenulatæ, alis anticis multo breviores; alæ anticæ acutæ, linea marginali ochracea.

Male. White. Frontal tuft ochraceous beneath. Palpi linear, obliquely ascending, more than twice longer than the breadth of the head; third joint ochraceous beneath, rounded at the tip, much shorter than the second. Antennæ stout, minutely crenulate, much shorter than the fore wings. Abdomen extending much beyond the hind wings; apical tuft somewhat radiating. Fore wings acute, bordered by an ochraceous line, which is indistinct along the exterior part of the costa; exterior border straight, moderately oblique. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

s. Sydney From Mr. Lambert's collection.

Genus MANLIANA.

Mas. Corpus gracile. Capitis fasciculus bene determinatus. Proboscis nulla. Palpi porrecti, læves, graciles, capitis latitudine non longiores; articulus 3us lanceolatus, 2o valde brevior. Antennæ graciles, subcrenulatæ, subpubescentes. Abdomen alas posticas sat superans. Pedes longiusculi, sat graciles; tibiæ posticæ fimbriatæ. Alæ anticæ lanceolatæ, acutæ, margine exteriori subrecto per-obliquo.

Male. Body slender. Head above with a porrect rather long tuft. Proboscis obsolete. Palpi porrect, smooth, slender, not longer than the breadth of the head; third joint lanceolate, much shorter than the second. Antennæ slender, slightly crenulated and pubescent. Abdomen extending somewhat beyond the hind wings. Legs rather long and slender; hind tibiæ fringed; spurs long. Wings narrow. Fore wings lanceolate, acute; exterior border almost straight, very oblique.

1. MANLIANA ASTRICTELLA.

Mas. *Argenteo-alba*; abdomen obscure cinereum; alæ anticæ vitta tenui costali cupreo-fusca; posticæ æneo-cinerea,

Male. Silvery white. Abdomen and wings beneath dark cinereous. Fore wings with a slender cupreous-brown costal stripe, which extends to the tip. Hind wings æneous-cinereous. Length of the body 5 lines; of the wings 14 lines.

a, b. Sydney. From Mr. Lambert's collection.

Genus DEUA.

Fœm. Corpus robustum. Palpi porrecti, sat graciles, capitis latitudine multo breviores; articulus 3us lanceolatus, 2o brevior. Antennæ glabræ, breviusculæ, sat validæ. Alæ anticæ latæ, apice subrotundatæ, costa margineque exteriori vix convexis, margine exteriori perobliquo.

Female. Body robust. Palpi porrect, rather slender, much shorter than the breadth of the head; third joint lanceolate, shorter than the second. Antennæ smooth, rather short and stout. Wings broad. Fore wings slightly rounded at the tips; costa and exterior border very slightly convex, the latter moderately oblique.

1. DEUA IMBUTANA.

Fœm. *Purpurascente-cuprea; alæ anticæ litura discali transversa nigra elongata ochraceo marginata.*

Female. Purplish cupreous, cinereous-cupreous beneath. Antennæ pale cinereous. Fore wings with a transverse black elongated ochraceous-bordered discal mark. Length of the body 2 lines; of the wings $5\frac{1}{2}$ lines.

a. Ega. From Mr. Bates' collection.

Genus MÆPHA.

Mas. Corpus robustum. Proboscis mediocris. Palpi porrecti, graciles, læves, acuti, caput non superantes. Antennæ robustæ, pubescentes, setulosæ, vix moniliformes. Abdomen alas posticas sat superans, fasciculo apicali et sexualibus maximis. Pedes validi, læves, calcaribus robustis. Alæ anticæ elongatæ, apice rotundatæ, margine exteriori subconvexo sat obliquo.

Male. Body stout. Proboscis distinct. Palpi porrect, slender, smooth, acute, not extending beyond the head. Antennæ stout, pubescent, setulose, hardly moniliform. Abdomen extending somewhat beyond the hind wings; apical appendages and tuft very

large. Legs stout, smooth; spurs stout, moderately long. Wings elongate. Fore wings rounded at the tips; exterior border slightly convex, rather oblique.

1. *MÆPHA OPULENTANA*.

Mas. *Aurato-flava; caput antice nigrum; thoracis discus anticus cyaneus; alæ anticæ bifasciatæ, fascia 1a purpurea cyaneis varia, 2a aurata; posticæ pallidissime luteæ, fusco marginatæ.*

Male. Gilded yellow. Head gilded above, black and shining in front. Disk of the fore part of the thorax chalybeous-blue. Abdomen very pale luteous. Fore wings with two bands; first band purple, varied with blue; second gilded. Hind wings very pale luteous, with a brown border, which widens from the interior angle to the tips. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a. Ega. From Mr. Bates' collection.

Genus *VOBRIX*.

Fœm. Corpus sat robustum. Proboscis obsoleta. Palpi porrecti, caput vix superantes; articulus 3us brevissimus. Antennæ sat validæ. Abdomen depressum, alas posticas superans. Pedes validi; tibiæ posticæ quadricalcaratæ. Alæ anticæ elongatæ, sat angustæ, apice rotundatæ, costa convexa.

Female. Body rather stout. Proboscis obsolete. Palpi porrect, hardly extending beyond the head; third joint very short. Antennæ rather stout. Abdomen depressed, extending beyond the hind wings, slightly attenuated; oviduct exerted. Legs smooth, stout; hind tibiæ with four long spurs. Wings elongate, rather narrow. Fore wings rounded at the tips; costa and exterior border convex, the latter moderately oblique.

1. *VOBRIX INNOTATA*.

Fœm. *Cervina; alæ subtus fuscescentes; anticæ posticæ posticæque cinereæ.*

Female. Fawn-colour. Wings brownish beneath. Fore wings hindward and hind wings somewhat cinereous. Length of the body 5 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Female. Body slender. Frontal tuft prominent, smooth, squamous. Proboscis moderately long. Palpi porrect, rostriform, squamous, hardly curved downward, a little longer than the breadth of the head; third joint lanceolate, full half the length of the second. Antennæ smooth; first joint thick. Abdomen hardly extending beyond the hind wings. Legs moderately long and stout; hind tibiæ with four very long spurs. Wings moderately broad. Fore wings hardly acute, with a squamous tuft on the middle of the costa, which is nearly straight; exterior border slightly convex and oblique.

1. *ASCHA RECONDITANA.*

Fœm. *Cupreo-nigra; caput viride; proboscis fulva; alæ antice lituris nonnullis marginalibus viridi nitentibus; posticæ luteæ, margine lato nigro-cupreo, striga obliqua coccinea marginem versus dilatata.*

Female. Cupreous-black. Head and palpi mostly metallic-green. Proboscis tawny. Fore wings tinged here and there with metallic-green along the borders. Hind wings luteous, with a blackish cupreous border, which is very broad about the tips; a crimson streak, which is attenuated towards the disk, from whence it extends to the exterior border. Length of the body $3\frac{1}{2}$ lines; of the wings $8\frac{1}{2}$ lines.

a. Ega. From Mr. Bates' collection.

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10. *HYPONOMEUTA MULTIPUNCTELLUS.*

multipunctella, Clms.—ordinatellus, p. 530.

Page 536.

PSEODIA ABRAXASELLA.

Fœm. *Alba; palpi nigro bifasciati, capitis latitudine non longiores; thorax fasciis duabus guttularibus nigris; abdomen æneo-cinereum; tibiæ anteriores tarsique pallide lutea, nigro fasciata; tibiæ posticæ fimbriatæ; alæ anticæ sat angustæ, apice rotundatæ, strigis transversis nigris, plagis duabus fasciis, exteriori lineaque marginali fuscis, lituris duabus luteis; posticæ purpureo-cinereæ.*

LEPIDOPTERA HETEROCERA.

Female. White, stout. Palpi smooth, curved, with bands, not longer than the breadth of the head; third joint, shorter than the second. Antennæ stout, much shorter than the fore wings. Thorax with two black bands, each composed of four dots. Abdomen æneous-cinereous, extending a little beyond the hind wings. Tarsi and anterior tibiae pale luteous, with black bands; hind tibiae fringed. Fore wings rather narrow, with black tips, with some transverse black streaks; two elongated black spots; one on the interior border broader than the other; the costal and is connected with an irregular oblique extension, which extends nearly to the interior angle; margin black; a luteous mark on the inner side of the hind border and another on the fore part of the exterior border, the latter convex and slightly oblique. Hind wings purplish cinereous with a white line. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines. St. Domingo. From Mr. Tweedie's collection.

Page 545.

PLUTELLA VIGILACIELLA.

Vigilaciella, Cms.

United States.

PLUTELLA LIMBIPENNELLA.

limbipennella, Cms.

United States.

PLUTELLA MOLLIPEDELLA.

mollipedella, Cms.

United States.

Page 546.

CEROSTOMA BRASSICELLA.

brassicella, Fitch.

United States.

CEROSTOMA RUGOSELLA.

rugosella, Sta.

Alcutia.

CEROSTOMA ALBOFASCIELLA.

albofasciella, *Sta.*
Calcutta.

Genus CHÆTOCHILUS.

Chætochilus, *St.*

1. CHÆTOCHILUS ? POMETELLUS.

pometellus, *Fitch.*
United States.

CHÆTOCHILUS ? MALIFOLIELLUS.

malifoliellus, *Fitch.*
United States.

CHÆTOCHILUS ? CONTUBERNATELLUS.

contubernatellus, *Fitch.*
United States.

CHÆTOCHILUS ? TRIMACULELLUS.

trimaculellus, *Fitch.*
United States.

CHÆTOCHILUS ? VENTRELLUS.

ventrellus, *Fitch.*
United States.

Page 589.**GELECHIA TARQUINIELLA.**

Tarquiniella, *Sta.*

GELECHIA MYRICARIELLA.

myricariella, *Reutti.*

GELECHIA CAULIGENELLA.

cauligenella, *Schmid.*

Page 627.

GELECHIA NIVILITURELLA.

Mas et foem. *Cupreo-fusca, subtus alba; caput antice album; palporum articulus 3us æneus; alæ anticæ costa, apice, lines transversa subobliqua vix arcuata fimbriaque albis; postice fimbria apices versus alba.*

Closely allied to *G. succinctella*. *Male and female.*—Cupreous brown, stout. Head in front, body beneath, palpi and legs silvery white. Palpi much longer than the breadth of the head; third joint æneous, setiform, much shorter than the second. Fore wings rather broad, rounded at the tips; costa white; a slightly oblique hardly curved line beyond the middle; fringe white, brown hindward, and intersected by a brown line; tips white, including three brown points, which are partly connected with the brown hue of the wing. Hind wings with the fringe whitish towards the tips. Length of the body $2\frac{1}{2}$ —3 lines; of the wings 6—8 lines.

a, b. Ega. From Mr. Bates' collection.

GELECHIA SEVECTELLA.

Foem. *Schistacea; caput argenteo-cinereum; palpi capitis latitudine triplo longiores, articulo 2o fimbriato; alæ angustæ, subacutæ, costa argenteo-cinerea, guttis tribus nigricantibus albido marginatis, gutta discali elongata punctisque marginalibus nigris, lineis submarginali et marginali nigris; postice nigro-cinereæ.*

Female. Slaty cinereous, slender. Head, palpi and legs silvery cinereous. Palpi thrice longer than the breadth of the head; second joint with a porrect lanceolate fringe; third as long as the second. Abdomen extending very far beyond the hind wings. Wings narrow. Fore wings slightly acute, silvery cinereous along the costa; three black whitish-bordered dots in the disk; an elongated black dot on the exterior part of the costa; apical part of the costa and exterior border with black points; submarginal line and marginal line whitish, the former slightly curved; exterior border convex, very oblique. Hind wings blackish cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

GELECHIA DISCATELLA.

Mas. *Cuprea, sat robusta; caput et abdomen nigra; palpi capitis latitudine multo longiores; antennæ flavo-albæ, sat robustæ, alis anticis non breviores; alæ anticæ vitta furcata flavo-alba, strigis duabus obliquis argenteis, fimbria albida.*

Male. Cupreous, rather stout. Head and abdomen black. Palpi smooth, much longer than the breadth of the head; third joint lanceolate, about half the length of the second. Antennæ yellowish white, rather stout, as long as the fore wings. Hind tibiæ pubescent; hind tarsi with silvery bands. Fore wings narrow, acute, with a yellowish white band, which extends along the middle of the disk from the base to the tip, near which it is cleft; two silvery oblique streaks extending from the costa to the stripe, one at two-thirds of the length, the other subapical; fringe whitish, except at the tip of the wing. Length of the body 2 lines; of the wings 5 lines.

Ega. From Mr. Bates' collection.

GELECHIA SEXGUTTELLA.

Mas. *Viridis, nitens, sat robusta, subtus argentea; palpi gracillimi, capitis latitudine plus duplo longiores; alæ anticæ angustæ, peracutæ, guttis tribus atris ochraceo marginatis, fascia marginali ochracea, lineola subapicali longitudinali costaque exteriore cupreis; posticæ cupreæ.*

Nearly allied to *G. exteriorella*. **Male.**—Metallic-green, rather stout, silvery beneath. Palpi smooth, very slender, more than twice longer than the breadth of the head; third joint setiform, as long as the second. Antennæ slender, much shorter than the fore wings. Hind legs elongate; knees white; tibiæ setose, with a silvery band. Wings narrow; fringe very long. Fore wings very acute, with three deep black ochraceous-bordered dots; an ochraceous marginal band intersected in front by a cupreous line, which is nearly parallel to the costa; exterior part of the costa cupreous; exterior border extremely oblique. Hind wings cupreous. Length of the body 4 lines; of the wings 6 lines.

Ega. From Mr. Bates' collection.

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GELECHIA ? AURIFERELLA.

Pallide aurato-flava, subtus argenteo-alba ; palpi gracillimi, capitis latitudine fere duplo longiores ; abdomen cinereum ; alæ anticæ striga basali, fascia media fasciaque marginali cupreis ; posticæ cinereæ.

Pale gilded yellow, silvery white beneath. Palpi smooth, very slender, nearly twice longer than the breadth of the head ; third joint setiform, as long as the second. Antennæ slender. Abdomen and hind wings cinereous. Wings narrow ; fringe very long. Fore wings with a cupreous streak along the base of the costa, and with two cupreous bands ; first band in the middle ; second apical. Length of the body 3 lines ; of the wings 7 lines.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

GELECHIA GEMMATELLA.

Mas. Cuprea ; caput antice argenteo-cinereum ; alæ anticæ acutæ, fascia basali argentea, strigis transversis costalibus albidis purpureo micantibus.

Male. Cupreous, slender. Head in front, palpi and legs silvery cinereous. Palpi smooth, longer than the breadth of the head ; third joint shorter than the second. Abdomen extending much beyond the hind wings, with silvery bands beneath. Tibiæ and tarsi with cupreous rings. Wings moderately broad. Fore wings acute, with a broad silvery whitish band near the base ; a row of transverse whitish shining purple-tinged streaks along the costa ; exterior border slightly convex, very oblique. Length of the body $1\frac{1}{2}$ line ; of the wings 3 lines.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

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GELECHIA ANIMOSELLA.

Mas. Argenteo-alba ; palpi capitis latitudine triplo longiores ; alæ anticæ angustæ, apices versus aurato-ochraceæ, puncto apicali nigro.

LEPIDOPT

Male. Silvery white, arice longer than the breary little shorter than the soring. Wings narrow. Forps, with a black apical point, rings 4 lines.

. Ceylon. Presented by Dr

GELBON

Form. *Ferrugineo-fusca; capitis latitudine plus securiformi; pedes robusti; alae anticae acutae, nigri marginalibus nigris; po*

Female. Ferruginous-brown, very cinereous. Palpi more of the head; second joint with a horn, very slender, longer than the fore wings. Legs stout. Fore wings acute, moderately blackish-speckled; costa with 8 points, of which the last is a little black points along the apical part, which is straight and rather brown. Length of the body 3 lines. Ceylon. Presented by Dr. T.

GELECHIA C

Form. *Fuscescente-cinerea; palpi angustae, apice rotundatae, fuscis, striga apicali parva.*

Female. Brownish cinereous, slender, more than twice longer than the second. Fore wings, with two very large cupreous spots, nearly triangular, resting on the costa; second spot exterior to the first, another costal, and the third

brown apical streak. Length of the body $1\frac{1}{2}$ line; of the wings 5 lines.

a. Ceylon. Presented by Dr. Templeton.

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GELECHIA SIMPLEXELLA.

Cuprea; palpi gracillimi, capitis latitudine duplo longiores; abdomen cinereum; alæ anticæ angustæ, apice rotundatæ, linea alba postmedia transversa interrupta subangulosa.

Cupreous. Palpi smooth, very slender, about twice longer than the breadth of the head. Abdomen legs and hind wings cinereous. Fore wings narrow, rounded at the tip, with a white slightly zigzag transverse interrupted line at a little beyond two-thirds of the length. Length of the body $1\frac{1}{2}$ line; of the wings 4 lines.

a. Moreton Bay. From Mr. Diggles' collection.

GELECHIA TERRELLA.

Mas. Fusco-cinerea; caput albidum; palpi pubescentes; antennæ setulosæ; abdomen alas posticas longissime superans; tibiæ posticæ pilosæ; alæ anticæ nigro conspersæ et strigatæ; posticæ cinereæ, fimbria subcervina.

Male. Brownish cinereous, more cinereous beneath. Head whitish. Palpi pubescent, nearly twice longer than the breadth of the head; third joint setiform, nearly as long as the second. Antennæ minutely setulose, very much shorter than the fore wings. Abdomen extending for its whole length beyond the hind wings. Hind tibiæ pilose. Fore wings acute, narrow, minutely speckled with black; some small irregular longitudinal black streaks; exterior border extremely oblique. Hind wings cinereous; fringe very long, tinged with fawn-colour. Length of the body 3 lines; of the wings 7 lines.

a, b. Moreton Bay. From Mr. Diggles' collection.

G

Mas. *Atra; antennarum vix superantibus discali argentea;*

Male. Deep black, early twice longer than the early as long as the second, blackish, hardly extending beyond the mouth. Tibiæ and tarsus arrow, rounded at the tip of the disk; exterior border of wings blackish cinereous 8 lines.

. Moreton Bay. From Mr.

GELECHI

Form. *Cuprea, micans; ductu exserto; alæ angustæ micantes; postica*

Female. Brilliant cupreolate, attenuated, extending beyond the wings; oviduct exserted. Wings varied exteriorly with glaucous blackish cupreous. 10 lines.

. Sydney. From Mr. Lamb.

GELECHI

Mas. *Obscure cuprea; palpi antennarum subcrenulatæ; tibia angusta, apice rotundata*

Male. Dark cupreous, early twice longer than the breadth of the second. Antennæ extending very far beyond the head. Fore wings narrow, rounded.

convex, very oblique. Hind wings cinereous; fringe very long. Length of the body 2 lines; of the wings 5 lines.

a. Australia? Presented by the Entomological Club.

GELECHIA SUBACTELLA.

Fœm. *Cinerea*; *palpi capitis latitudine fere duplo longiores, articulo 2o pubescente; thorax striga media furcata strigisque duabus lateralibus nigricantibus; alæ anticæ angustæ, apice rotundatæ, atomis, strigis longitudinalibus vittaque abbreviatæ, albido strigata nigris.*

Female. Dark cinereous, whitish beneath. Palpi nearly twice longer than the breadth of the head; second joint pubescent; third slender, shorter than the second. Thorax with three blackish streaks, the middle one forked hindward. Abdomen pale cinereous. Joints of the tarsi blackish, with pale tips; hind tibiæ fringed. Fore wings narrow, rounded at the tips, thickly blackish-speckled, with some longitudinal black streaks, and with a blackish stripe, which is dilated and abbreviated exteriorly, and contains a short slender whitish streak; exterior border slightly convex, very oblique. Length of the body 6 lines; of the wings 14 lines.

a. Australia? Presented by the Entomological Club.

GELECHIA VACATELLA.

Mas. *Cinereo-cervina*; *caput cupreo vittatum; palpi capitis latitudine duplo longiores; abdomen cupreum; alæ anticæ angustæ, acutæ, fusco nigroque conspersæ, lituris costalibus strigisque exteriore obliqua nigris, vitta diffusa nigricant; posticæ cinereæ.*

Male. Cinereous fawn-colour, cinereous beneath. Head with a cupreous stripe. Palpi smooth, twice longer than the breadth of the head; third joint slender, nearly as long as the second. Abdomen cupreous, extending far beyond the hind wings; apical appendages rather large. Fore wings narrow, acute, with brown and black speckles, of which there are very few towards the costa; some elongated black marks on the costa; an oblique black streak extending from the tip along part of the exterior border; a diffuse blackish stripe extending from the base near the interior border; exterior border extremely oblique. Hind wings cinereous; fringe very long. Length of the body 4 lines; of the wings 9 lines.

a. Australia? Presented by the Entomological Club.

LEPIDOPTERA HETEROCERA.

GELECHIA ADACTELLA.

Form. *Cuprea; palpi capitis latitudine duplo longi
2o apice subfimbriato; abdomen cinereum; alæ
subacutæ, vitta costali cuprea interrupta abbrevia
speria, spatia apicali cupreo; posticæ basi albide*

Female. Cupreous, silvery white beneath. Palpi a
onger than the breadth of the head; second joint shi
; front at the tip; third shorter than the second. Ab
men, extending very far beyond the hind wings. Tib
with brown bands. Fore wings narrow, white, slightl
a interrupted and abbreviated cupreous white-spe
tripe; apical space cupreous; exterior border extren
hind wings whitish cinereous towards the base. Le
ody 3 lines; of the wings 7 lines.

. Australia? Presented by the Entomological Club.

Page 658.

GELECHIA APPARITELLA.

Form. *Aurato-ochracea; caput antice argenteo-alb
capitis latitudine plus triplo longiores; antennæ
latæ; alæ antica linea basali lineaque transv
albis, lineis duabus exterioribus albis angulatis n
etis, 1a nigra, 2a alba; posticæ cinereo-æneæ.*

Female. Gilded ochraceous, slender. Head ;
under side silvery whitish. Palpi smooth, very slende
three longer than the breadth of the head; third jo
as long as the second. Antennæ slender, silvery white.
the fore wings, with a black ring on each joint. Tib
with gilded bands. Fore wings with a silvery white li
from the base towards a transverse outwardly and
angular white line; two more exterior oblique white bl
lines, the first forming two angles, the second formin
acute and very prominent angle; two longitudinal sub
one black, the other white. Hind wings cinereous-sen
of the body 3 lines; of the wings 9 lines.

. New Zealand. Presented by Col. Bolton.

GELECHIA COPIOSELLA.

Mas. Atræ; antennæ crenulatæ; pedes albido fasciati; alæ antice sat angustæ, apice rotundatæ, gutta media argenteo-alba; porticæ nigro-cinereæ.

Male. Blackish, dark cinereous beneath. Palpi nearly twice longer than the breadth of the head; second joint thickly fringed beneath; third setiform, much shorter than the second, with two minute black tufts, one at the base, the other in the middle. Antennæ rather stout, much shorter than the fore wings. Abdomen long, slightly tapering; hind borders of the segments cinereous; apical tuft long. Legs rather long; tips of the tarsal joints pale cinereous. Fore wings moderately broad, slightly acute, clouded and streaked with cinereous; marginal line cinereous; exterior border slightly convex, moderately oblique. Hind wings dark æneous. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines.

a. Auckland, New Zealand. From Mr. Oxley's collection.

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PARASIA? APICIPUNCTELLA.

apicipunctella, *Sta.*

Calcutta.

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YPSOLOPHUS? LIGULELLUS.

ligulella, *Hb.*

United States.

Page 668.

Dele 20. PLEUROTA EXIMIA.

Page 675.

ŒCOPHORA MARMOROSELLA.

marmorosella, *Wltn.*

Madeira. Porto Santo. Northern Deserts.

ŒCOPHORA OCHROPALPELLA.**ochropalpella, Wltn.****Madeira.****ŒCOPHORA SUBGANOMELLA.****subganomella, Sta.****Calcutta.***Page 698.***ŒCOPHORA QUADRATELLA.**

Purpureo-cuprea; caput aurato-flavum; alæ anticæ plaga magna subquadrata, guttis duabus costalibus guttaque postica aurato-flavis, fimbria flavo strigata.

Purplish cupreous. Head gilded yellow. Antennæ much shorter than the fore wings. Fore wings rounded at the tips, with a large subquadrate gilded yellow patch, which extends along nearly half the length of the interior border from the base, and occupies three-fourths of the breadth; two exterior yellow costal dots, the exterior one opposite a yellow dot on the interior border; a yellow streak on the exterior part of the fringe, not extending to the tip nor to the interior angle. Length of the body 3 lines; of the wings 8 lines.

α. Sydney. From Mr. Lambert's collection.

ŒCOPHORA TRANSLATELLA.

Pallide aurato-flava; thorax purpureo fasciatus; alæ anticæ latiusculæ, vix acutæ, lineis duabus transversis purpurascentibus, margine exteriori vix purpurascente; posticæ æneæ.

Pale gilded yellow. Palpi smooth, slender, nearly twice longer than the breadth of the head; third joint setiform, as long as the second. Legs smooth. Thorax with a purplish band in front. Wings rather broad. Fore wings hardly acute, with a purplish transverse hardly outward-curved line before the middle; another purplish inward-curved line near the exterior border, which is slightly purplish-tinged; under side and hind wings æneous. Length of the body 3 lines; of the wings 8 lines.

α. Moreton Bay. From Mr. Diggles' collection.

ŒCOPHORA HONORATELLA.

Fœm. *Argenteo-alba ; palpi capitis latitudine duplo longiores ; thorax fascia maculaque postica purpureis ; alæ anticae cupreae, basi fascia maculisque duabus albis ; posticae aeneae.*

Female. Silvery white. Palpi smooth, slender, full twice longer than the breadth of the head ; third joint shorter than the second. Thorax with a purple band in front, and with a purple spot hindward. Abdomen cinereous. Tibiæ with a broad cupreous band ; tarsi cupreous, with white-tipped joints. Fore wings cupreous, moderately broad, rounded at the tips, white at the base, with a white band before the middle, and with three exterior white spots ; two spots costal, the third on the interior border ; second costal spot much larger than the first ; exterior border slightly convex, very oblique. Hind wings æneous ; fringe long. Length of the body 3 lines ; of the wings 8 lines.

a. Moreton Bay. From Mr. Diggles' collection.

ŒCOPHORA COMPOSITELLA.

Fœm. *Nigro-cuprea ; caput antice album ; palpi capitis latitudine duplo longiores, articulo 2o piloso, 3o nigro apice albo ; alæ anticae sat angustae, apice rotundatae, maculis duabus costalibus una discali obliqua punctoque marginali albis ; postica cinerea.*

Female. Blackish cupreous. Head in front and under side white. Palpi twice longer than the breadth of the head ; second joint pilose in front ; third black, except at the base, as long as the second. Abdomen cinereous. Tibiæ and tarsi with blackish cupreous bands. Fore wings rather narrow, rounded at the tips, with three white spots ; first and third spots costal, transverse ; first much longer than the second ; third oblique, in the disk between the first and the second ; a white point in the fore part of the exterior border, and a small white mark near the interior angle ; exterior border slightly convex, very oblique. Hind wings cinereous. Length of the body 4 lines ; of the wings 10 lines.

a. Australia ?

ŒCOPHORA RETRACTELLA.

Cupreo-purpurea; caput antice et corpus subtus argenteo-alba; alæ anticæ apice rotundatæ, fascia obliqua latissima ante media aurato-flava; posticæ cupreæ, angustæ.

Cupreous-purple. Head in front, body beneath, palpi, antennæ and legs silvery white. Antennæ much shorter than the fore wings. Fore wings rounded at the tips, with a very broad oblique gilded yellow band, which is very near the base. Hind wings cupreous, narrow; fringe very long. Length of the body 2—2½ lines; of the wings 6—7 lines.

a, b. Moreton Bay. From Mr. Diggles' collection.

ŒCOPHORA ACUTELLA.

Fœm. Argenteo-alba; caput et thorax aurato-flava; palpi capitis latitudine multo longiores; abdomen alas posticas longe superans; alæ anticæ acutæ, vittis duabus auratis, 1a maculam strigasque duas emittente, 2o lineolam albam includente; posticæ æneo-cinereæ.

Female. Silvery white. Head and thorax gilded yellow. Palpi smooth, much longer than twice the breadth of the head; third joint very slender, shorter than the second. Abdomen extending much beyond the hind wings. Hind tibiæ fringed. Wings moderately broad. Fore wings acute, with two gilded stripes, which are connected at the base; first stripe near the costa, emitting a spot and two exterior streaks from its hind side; first streak acutely angular inward; second oblique; second stripe including a short white line near its base; exterior border straight, very oblique. Hind wings æneous-cinereous. Length of the body 4 lines; of the wings 10 lines.

a. Swan River. Presented by Sir J. Richardson.

ŒCOPHORA CONTENTELLA.

Fœm. Argenteo-alba; caput pallide ochraceum; palpi capitis latitudine duplo longiores, articulo 2o basi nigricante; thorax cupreo fasciatus; abdomen cupreum; alæ anticæ subacutæ, fasciis quatuor lineaque marginali cupreis; posticæ cupreæ.

Female. Silvery white. Head pale ochraceous. Palpi twice longer than the breadth of the head; second joint blackish towards the base; third very slender, shorter than the second. Thorax with a cupreous band. Abdomen and hind wings cinereous. Fore wings moderately broad, slightly acute, with four cupreous bands, and with a cupreous marginal line, which joins the fourth band by the interior angle; first band basal; exterior border slightly convex and oblique. Length of the body 3 lines; of the wings 8 lines.

a. Sydney. From Mr. Diggles' collection.

ŒCOPHORA ABRUPTELLA.

Fœm. *Alba; palpi nigri, capitis latitudine plus duplo longiores, articulo 3o albo; alæ anticæ acutæ, fasciis tribus latis connexis cupreis, 1a postice dilatata, 2a postice abbreviata, 3a apicali; posticæ aurato-cinereæ.*

Female. White. Palpi black, more than twice longer than the breadth of the head; third joint white, slender, much shorter than the second. Fore wings acute, moderately broad, with three broad cupreous bands; first band before the middle, dilated along the interior border, connected by an oblique streak with the second, which is abbreviated hindward; third apical, recurved to the second; exterior border slightly convex, rather oblique. Hind wings gilded cinereous. Length of the body 3 lines; of the wings 7 lines.

a. Sydney. From Mr. Diggles' collection.

ŒCOPHORA FISSULELLA.

Mas. *Argenteo-alba; palpi subaurati; antennæ glabræ; thorax aureo trivittatus; tibiæ posticæ non fimbriatæ; alæ anticæ sat angustæ, apice subrotundatæ, aureo trivittatæ, vitta 1a tri-ramosa, striga aurea inter vittas posteriores; posticæ pallidissime cervinæ.*

Male. Silvery white. Palpi smooth, slender, slightly gilded, less than twice the length of the breadth of the head; third joint setiform, very little shorter than the second. Antennæ smooth, slender. Thorax with three gilded stripes. Abdomen and hind wings very pale fawn-colour, the former extending rather beyond the latter. Legs smooth, rather stout; hind tibiæ not fringed. Fore wings rather narrow, slightly rounded at the tips, with three gilded stripes; first stripe subcostal, emitting two very oblique

streaks to the costa; a gilded streak extending along half the length from the base between the second stripe and the third, which is along the interior border; exterior border straight, very oblique. Length of the body $4\frac{1}{2}$ lines; of the wings 11 lines.

♂. Moreton Bay. From Mr. Diggles' collection.

CECOPHORA MEDIELLA.

Fœm. *Nivea; palpi capitis latitudine longiores, articulo 2o basi nigro; thorax nigricante fasciatus; abdomen flavo-cinereum; tibiæ posticæ fimbriatæ; alæ anticæ apice rotundatæ, basi fasciæque excavata maculaque subapicali nigricantibus, plagis duabus exterioribus cervinis, 1a maculam costalem nigricantem includente; posticæ flavo-cinereæ.*

Female. Pure white. Palpi smooth, slightly curved, longer than the breadth of the head; second joint black towards the base; third lanceolate, as long as the second. Antennæ much shorter than the fore wings. Thorax with a broad blackish band. Abdomen and hind wings yellowish cinereous. Hind tibiæ fringed. Fore wings rather broad, rounded at the tips, blackish at the base; a blackish band excavated in front on the outer side; two fawn-coloured more exterior patches; the first containing a blackish costal spot; the second smaller, and containing a subapical blackish spot; exterior border slightly convex, rather oblique; under side cinereous-brown. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

♂. Sydney. From Mr. Lambert's collection.

CECOPHORA HEPIALELLA.

Mas. *Aurato-lutea, crassa; palpi oblique ascendentes, capitis latitudine multo breviores; antennæ pubescentes, setulosæ; pedes robusti, breves, tibiis posticis fimbriatis; alæ anticæ apices versus rufo conspersæ, costa rufa, strigis duabus cinereis connexis fusco marginatis, striga brevi lata obliqua argentea; posticæ obscure fusæ.*

Male. Gilded luteous, thick, cinereous-yellow beneath. Palpi smooth, slender, obliquely ascending, much shorter than the breadth of the head; second joint curved; third lanceolate, straight, much shorter than the second. Antennæ pubescent, setulose. Abdomen extending beyond the hind wings. Legs stout, short; anterior legs

reddish; hind tibiæ fringed. Fore wings rounded at the tips, red along the costa and thickly speckled with red towards the tips; the red hue bounded by a straight line, which extends from the tips to the interior angle, and including two cinereous brown-bordered streaks, which extend obliquely, one from the costa, the other from the interior border, and are united in the interior disk; a broad short silvery streak extending obliquely across the luteous part; fringe dark brown, except at the base; under side and hind wings dark brown; fringe of the latter cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a, b. Moreton Bay. From Mr. Diggles' collection.

ŒCOPHORA AMOTELLA.

Albida; palpi nigro strigati, capitis latitudine duplo longiores; thorax cupreo-fusco fasciatus; tibiæ posticæ nigro bifasciatæ; tarsi postici basi nigri; alæ anticæ apice rotundatæ, fasciis tribus latis cupreo-fuscis, 1a extus excavata, 2a postice abbreviata, 3a interrupta, punctis duobus nigris; posticæ cinereæ.

Whitish. Palpi twice longer than the breadth of the head; second joint black on the outer side towards the base; third slender, black on the inner side, except towards the tip, much shorter than the second. Thorax with a cupreous-brown band. Hind tibiæ with two broad black bands; hind tarsi black towards the base. Fore wings moderately broad, rounded at the tips, with three broad irregular cupreous-brown bands; first band near the base, much broader than the others, partly continued to the interior border, with a black point on its excavated outer border; second band abbreviated hindward; third apical, interrupted; a black point in the disk between the first and second bands; exterior border slightly convex, very oblique. Hind wings cinereous. Length of the body 4 lines; of the wings 10 lines.

a. Moreton Bay. From Mr. Diggles' collection.

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ENDROSIS? KENNICOTTELLA,

Kennicottella, *Clms.*

Illinois.

Page 706.

BUTALIS TRIOCELLATA.

triocellata, Sta.

Calcutta.

Page 745.

CRYPTOLECHIA SEVERELLA.

Mas. *Alba, sat robusta; caput antice nigro-cinereum; thorax postice cupreus; abdomen cinereum; alæ anticæ acutæ, plaga maxima postica, striga costali exteriori intersecta strigulisque submarginalibus cupreis; posticæ cinereæ.*

Male. White, rather stout. Head blackish cinereous in front. Antennæ little more than half the length of the fore wings, black at the base. Thorax cupreous hindward. Abdomen cinereous. Fore wings acute, with a cupreous patch, which occupies nearly the whole length of the interior border, and two-thirds of the breadth of the wing; a cupreous streak along the exterior part of the costa, intersected near the tip by an oblique white line; some short slender cupreous longitudinal streaks along the exterior border, which is straight and rather oblique. Hind wings cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Ega. From Mr. Bates' collection.

CRYPTOLECHIA TREMULELLA.

Mas. *Subochraceo-albida; antennæ pubescentes; abdomen albidum alas posticas longe superans; pedes robusti, squamosi; alæ anticæ apice subrotundatæ, puncto discali exteriori fusco; posticæ albidæ, costa fimbriata.*

Male. Whitish, stout. Thorax and fore wings slightly tinged with pale ochraceous. Palpi smooth, longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ minutely pubescent. Abdomen extending much beyond the hind wings; apical appendages large. Legs stout, squamous. Wings moderately broad. Fore wings slightly rounded at the tips, with a brown point in the disk beyond the middle; exterior border convex, moderately oblique. Hind wings with a fringe along most of the

length of the costa ; hairs of the fringe brown beneath. Length of the body 6 lines ; of the wings 14 lines.

a. Villa Nova. From Mr. Bates' collection.

Page 748.

CRYPTOLECHIA ? ATTENUATALIS.

Mas. *Cupreo-fusca, gracilis, subtus argenteo-albida ; antennæ subsetulosæ ; abdomen valde attenuatum, alas posticas longissime superans, nervulis quatuor fasciculisque duobus penicillatis apicalibus ; alæ anticæ apice subrotundatæ, lineis duabus albidis acute retractis, 1a costali, 2a subcostali ; posticæ fusciscente-cinereæ.*

Male. Cinereous-brown, slender. Body silvery whitish beneath. Palpi smooth, slender, slightly curved, much longer than the breadth of the head. Antennæ minutely setulose. Abdomen much attenuated, extending for nearly half its length beyond the hind wings ; four apical valves ; two slender penicillate tufts above the dorsal valves, which are very small ; ventral valves more than twice the length of the dorsal valves, broadly fringed above. Legs smooth, slender ; spurs very long. Fore wings slightly rounded at the tips, with a whitish costal line, which extends from the base to one-third of the length, and is acutely retracted ; a subcostal whitish line extending to two-thirds of the length, and there acutely retracted to the costa ; fringe whitish towards the base ; exterior border slightly convex, moderately oblique. Hind wings brownish cinereous. Length of the body 7 lines ; of the wings 12 lines.

This species will form a new genus, but the specimen described is in a defective state.

Sarawak, Borneo. In Mr. Saunders' collection.

CRYPTOLECHIA DEJUNCTELLA.

Pallide ochracea ; palpi capitis latitudine multo longiores, articulo 2o extus roseo ; tibiæ posticæ late fimbriatæ ; alæ anticæ acutæ, roseo marginalæ, margine exteriori subrecto perobliquæ, fimbria cinerea ; posticæ albæ, apice subroseæ.

Pale ochraceous. Palpi smooth, curved, much longer than the breadth of the head ; second joint rosy on the outer side ; third setiform, much shorter than the second. Hind tibiæ broadly fringed.

Wings moderately broad. Fore wings acute; a slight rosy line along the exterior and interior borders and along the apical part of the costa; costa and exterior border nearly straight, the latter very oblique; fringe cinereous; under side rosy. Hind wings white, with slightly rosy tips. Length of the body 4? lines; of the wings 10 lines.

a. Sydney. From Mr. Lambert's collection.

Page 801.

USSARA REPLETANA.

Mas. *Cupreo-fusca, subtus argentea; pedes anteriores argentei, postici argenteo annulati; alæ anticæ lineis tribus transversis fractis purpureo-chalybæis, lituris quinque auratis, macula apud marginem interiorem magna pallide flava; posticæ gutta postica punctisque marginalibus argenteis.*

Male. Dark cupreous-brown. Body beneath and anterior legs silvery white. Hind legs with silvery bands. Fore wings with three transverse dislocated interrupted chalybeous purple-tinged lines; a large pale yellow triangular spot, which rests on the interior border near the base; five gilded marks; first extending obliquely outward from near the tip of the triangular spot; second and third extending from the costa to the disk; fourth extending from the interior border to the disk; fifth longitudinal, exterior, extending nearly to the exterior border. Hind wings with a silvery white dot near the interior border beyond the middle, and with silvery white points along the exterior border. Length of the body 2 lines; of the wings 5 lines.

a, b. Ega. From Mr. Bates' collection.

Genus COYDALLA.

Corpus gracile. Palpi glabri, valde arcuati, capitis latitudine triplo longiores; articulus 3us setiformis, 2o multo longior. Antennæ alis anticis paullo breviores. Alæ anticæ elongatæ, acutæ, sat angustæ, margine exteriori subexcavato.

Allied to *Gelechia*. Body slender. Palpi smooth, much curved, about thrice longer than the breadth of the head; third joint setiform, much longer than the second. Antennæ a little shorter than the fore wings. Fore wings elongate, acute, rather narrow; exterior border slightly excavated in front.

1. COYDALLA INTERGUTTELLA.

Fuscescente-cinerea; antennæ argenteæ; pedes fusci, argentei fasciati; alæ anticæ fasciis duabus latis æneo-fuscis, 2a subabbreviata, spatio intermedio subpurpureo guttam æneo-fuscam cinereo marginatam includente, linea marginali nigra; posticæ æneæ.

Brownish cinereous, smooth, shining. Antennæ silvery. Legs brown, with silvery bands. Fore wings with two broad æneous-brown bands, of which the second is slightly abbreviated at each end, except towards its outer border; intermediate space purplish tinged, including an æneous-brown cinereous-bordered dot; marginal line black, continued along the apical part of the costa; fringe yellowish towards the base. Hind wings æneous. Length of the body 3½ lines; of the wings 8 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Page 802.

Genus 93. CARNA.

Rhobonda, p. 802 (*bis lectum*), see p. 424.

1. CARNA PUNCTATELLA.

Rhobonda punctatella, p. 802.

Page 814.

Genus 107. THUBANA.

1. THUBANA DESIGNATELLA.

This genus and this species must be annulled, for they are identical with *Tiva binotella*, p. 822.

Genus VANICELA.

Mas. Corpus gracillimum. Palpi glabri, arcuati, gracillimi, capitis latitudine duplo longiores; articulus 3us setiformis, 2o paullo brevior. Antennæ gracillimæ, alis anticis vix breviores; articulus 1us dilatatus, fusiformis. Abdomen longum. Pedes læves, graciles. Alæ lanceolatae, acutæ, perangustæ.

Male. Body very slender. Palpi smooth, curved, very slender, about twice longer than the breadth of the head; third joint setiform, a little shorter than the second. Antennæ very slender, nearly as long as the fore wings; first joint nearly fusiform, much dilated. Abdomen long, extending for nearly its whole length beyond the hind wings. Legs smooth, slender. Wings lanceolate, acute, very narrow; fringe long.

1. VANICELA DISJUNOTELLA.

Mas. Alba; alæ anticæ vitta bis interrupta cuprea; posticæ albido-cinereæ.

Male. White. Abdomen and hind wings whitish cinereous. Fore wings with a cupreous stripe, which extends along the interior border, and is interrupted at one-fourth of its length and again near the middle. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

α. New Zealand. Presented by Col. Bolton.

Genus GASMARA.

Fœm. Corpus gracile. Palpi arcuati, capitis latitudine quadruplo longiores; articulus 3us 2o longior. Antennæ alis anticis paullo breviores. Abdomen alas posticas sat superans. Alæ anticæ apice rotundatæ, margine exteriore excavato.

Allied to *Æcophora*. *Female*.—Body slender. Palpi curved, four times longer than the breadth of the head; third joint longer than the second. Antennæ a little shorter than the fore wings. Abdomen extending somewhat beyond the hind wings. Fore wings rounded at the tips; exterior border excavated.

1. GASMARA CÆLATELLA.

Fœm. *Cinerea; alæ linea marginali albida; anticæ purpureæ centes, apice rotundatæ, strigis duabus costalibus annulo discali guttisque duabus albidis.*

Female. Cinereous. Wings with a whitish marginal line. Fore wings purplish, with two transverse whitish costal streaks, and with a whitish discal ringlet; two whitish dots, the interior one near the interior border, the exterior one contiguous to the interior border. Length of the body 3 lines; of the wings 8 lines.

a. Ceylon. Presented by Dr. Templeton.

Page 838.

ACROLEPIA MARCIDELLA.

marcidella, *Ct.*

ACROLEPIA ARNICELLA.

arnicella, *Hdn.*

Page 848.

ARGYRESTHIA DZIEDUSZYCKII.

Dzieduszyckii, *Nowicki.*

Page 849.

ARGYRESTHIA ?? PERORNATELLA.

Mas. *Læte aurato-viridis, robusta, squamosa; caput purpureum, antice viride; palpi aurati, decumbentes; abdomen ochraceum; tibiæ posticæ validæ, calcaribus robustis; alæ anticæ aurato-flavæ, guttis quinque cupreis tumidis nigro marginatis, spatia ante medio aurato-viridi; posticæ purpureo-æneæ.*

Male. Bright golden green, stout, squamous. Head purple, blue in front. Palpi pale gilded, smooth, decumbent, shorter than the breadth of the head; third joint lanceolate, shorter than the second. Antennæ smooth. Abdomen ochraceous, extending much beyond the hind wings. Legs smooth, squamous; hind tibiæ stout, with four stout spurs. Wings narrow. Fore wings acute; more than half of the apical part gilded yellow, with five tumid black-bordered brilliant cupreous dots, of which two are on the fringe.

Hind wings purplish æneous. Length of the body 4 lines; of the wings 9 lines.

a. North China. From Mr. Fortune's collection.

Page 858.

EUSPILOPTERYX ORICHALCEA.

orichalcea, Sta.

Page 861.

ORNIX FAGIVORA.

fagivora, Fy.—devoniella, Fy. olim.

ORNIX ACERIFOLIELLA.

acerifoliella, Fitch.

United States.

LOZOSTOMA FLAVOFASCIATA.

flavofasciata, Sta.

Calcutta.

LOZOSTOMA SEMISULPHUREA.

semisulphurea, Sta.

Calcutta.

Page 878.

COLEOPHORA WILKINSONI.

Wilkinsoni, Scott.

COLEOPHORA ARENARIELLA.

arenariella, Wck.

COLEOPHORA MELILOTELLA.

Melilotella, Scott.

COLEOPHORA ARDEÆPENNELLA.

ardeæpennella, Scott.

COLEOPHORA ARTEMISIELLA.

artemisiella, *Scott*.

COLEOPHORA BICOLORELLA.

bicolorella, *Sta*.

COLEOPHORA ZELLERI.

Zelleri, *Nowicki*.

Page 881.

COSMOPTERYX ASIATICA.

asiatica, *Sta*.

Calcutta.

COSMOPTERYX ? SEMICOCINEA.

semicoccinea, *Sta*.

Calcutta.

COSMOPTERYX ? ÆNEELLA.

æneella, *Sta*.

Calcutta.

Page 911.

LITHOCOLLETIS UHLERELLA.

Uhlerella, *Fitch* (*Argyromyges*).

United States.

LITHOCOLLETIS OSTENSACKELLA.

Ostensackella, *Fitch* (*Argyromyges*).

United States.

LITHOCOLLETIS PSEUDACACIELLA.

pseudacaciella, *Fitch* (*Argyromyges*).

United States.

LITHOCOLLETIS MORRISSELLA.

Morrisella, *Fitch* (*Argyromyges*).

United States.

Page 914.

PHYLLOCNISTIS CITRELLA.

citrella, *Sta.*

calcutta.

Page 926.

NEPTICULA ULMIVORA.

ulmivora, *Fy.*

NEPTICULA SORBI.

sorbi, *Sta.*

NEPTICULA POMELLA.

pomella, *Sta.*—pygmæella, *Fy.*

NEPTICULA DISTINGUENDA.

distinguenda, *Hnmn.*

NEPTICULA OBLIQUELLA.

obliquella, *Hnmn.*

NEPTICULA SIMPLICELLA.

simplicella, *Hnmn.*

NEPTICULA FRAGARIELLA.

fragariella, *Hdn. MSS., Hnmn.*

NEPTICULA SPECIOSA.

speciosa, *Fy.*

NEPTICULA DULCELLA.

dulcella, *Hnmn.*

NEPTICULA INÆQUALIS.

inæqualis, *Hnmn.*

NEPTICULA ÆNEELLA.

æneella, *Hnmn.*—pygmæella? *H.-S.*

NEPTICULA NITIDELLA.**nitidella, *Hann.*****NEPTICULA BASIGUTTELLA.****basiguttella, *Hann.*****NEPTICULA PRETIOSA.****pretiosa, *Hann.*****NEPTICULA CASTANELLA.****castanella, *Edleston.*****NEPTICULA PARADOXA.****paradoxa, *Fy.******Page 932.******For 5. OXYPTILUS PILOSELLUS read 5. OXYPTILUS PILOSELLE.******Page 1004.******For TINEA INCONOISELLA (nomen bis lectum) read TINEA SPERNATELLA.***

ABBREVIATIONS

OF THE

NAMES OF AUTHORS.

- | | |
|--|---|
| <p>A. S. F. 'Annales de la Société Entomologique de France.</p> <p>Anon. Anonymous, 'Lepidoptera of Surinam.</p> <p>Atkn. Atkinson.</p> <p>Bd. Boisduval.</p> <p>Bent., Btl. and Btly. Bentley.</p> <p>Bjkd. Bjerkander.</p> <p>Bkh. Borkhausen.</p> <p>Brd. Bruand.</p> <p>Byr. Boyer.</p> <p>Chrtph. Christopher.</p> <p>Clk. Clerck.</p> <p>Clms. Clemens.</p> <p>Cr. Cramer.</p> <p>Ct. and Curt. Curtis.</p> <p>Cta. Costa.</p> <p>Cyl. Coquerel.</p> <p>Dbl. Doubleday.</p> <p>Dg. Degeer.</p> <p>Dgl. Douglas.</p> <p>Dn. and Dvn. Donovan.</p> <p>Dp. Duponchel.</p> <p>Ent. Mag. 'Entomological Magazine.'</p> <p>Esp. Esper.</p> <p>Ev. Eversmann.</p> <p>F. Fabricius.</p> | <p>F. R. and Fr. (see p. 216). Fischer Edler von Roeslerstamm.</p> <p>Froel. Frölich.</p> <p>Fr., Frey and Frr. Freyer.</p> <p>Fy. Frey.</p> <p>Fsch. Fischer.</p> <p>Fthl. Feisthamel.</p> <p>Gd. and Gdt. Godart.</p> <p>Gff. Geoffroy.</p> <p>Gn. Guenée.</p> <p>Hb. Hübner.</p> <p>Hdn. and Hyd. Heyden.</p> <p>Hml. Hummel.</p> <p>Hnmn. Heinemann.</p> <p>Hp. Humphrey.</p> <p>H.-S. Herrich-Schæffer.</p> <p>Hw. Haworth.</p> <p>Kll. and Klr. Kollar.</p> <p>Kln. Kolenati.</p> <p>L. Linnæus.</p> <p>Latr. and Ltr. Latreille.</p> <p>Lch. Leach.</p> <p>Ld. Lederer.</p> <p>Mchl., Msch., Msclr., Mschlr. and Mslr. Moeschler.</p> <p>Metzn. and Mtzn. Metzner.</p> <p>Mill. and Mlre. Millière.</p> <p>Mn. Mann.</p> |
|--|---|

<i>Mishky. and Mishly.</i>	<i>Motschulsky.</i>	<i>Slz. and Sulz.</i>	<i>Sulzer.</i>
<i>Naturf.</i>	<i>'Der Naturforscher.'</i>	<i>St. and Stp.</i>	<i>Stephens.</i>
<i>Nwn.</i>	<i>Newman.</i>	<i>Sta., Stn. and Stt.</i>	<i>Stainton.</i>
<i>Och.</i>	<i>Ochsenheimer.</i>	<i>Std.</i>	<i>Staudinger.</i>
<i>Olv.</i>	<i>Olivier.</i>	<i>Tgstr.</i>	<i>Tengström.</i>
<i>Phlp.</i>	<i>Philippi.</i>	<i>Th., Thbg. and Thnb.</i>	<i>Thunberg.</i>
<i>Prtw.</i>	<i>Prittwitz.</i>	<i>*Tr.</i>	<i>Treitschke.</i>
<i>Pty.</i>	<i>Perty.</i>	<i>Vlrs.</i>	<i>Villers.</i>
<i>Pz.</i>	<i>Panzer.</i>	<i>Wck.</i>	<i>Wocke.</i>
<i>Pls.</i>	<i>Pallas.</i>	<i>Wd.</i>	<i>Wood.</i>
<i>Ratz. and Rtz.</i>	<i>Ratzeburg.</i>	<i>Wilk.</i>	<i>Wilkinson.</i>
<i>Retz. and Rtzs.</i>	<i>Retzius.</i>	<i>Wlgn.</i>	<i>Wallengren.</i>
<i>Rmr.</i>	<i>Reaumur.</i>	<i>Wltn.</i>	<i>Wollaston.</i>
<i>Sam.</i>	<i>Samouelle.</i>	<i>Wnr.</i>	<i>Wenner.</i>
<i>Sc., Scop. and Sep.</i>	<i>Scopoli.</i>	<i>Wtw.</i>	<i>Westwood.</i>
<i>Schl., Schlg. and Schlgr.</i>	<i>Schläger.</i>	<i>W. V.</i>	<i>Wien. Verz., &c.</i>
<i>Schr.</i>	<i>Schrank.</i>	<i>Zk.</i>	<i>Zinken.</i>
<i>Std.</i>	<i>Standfuss.</i>	<i>Zl.</i>	<i>Zeller.</i>
<i>Sdfky., Sdfy., Sdky. and Sod.</i>	<i>Sodoffsky.</i>	<i>Zt. and Ztt.</i>	<i>Zetterstedt.</i>

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